

**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF MISSISSIPPI
GREENVILLE DIVISION**

MICHAEL AMOS, et al.

PLAINTIFFS

VS.

CIVIL ACTION NO. 4:20-CV-07-DMB-JMV

TOMMY TAYLOR, et al.

DEFENDANTS

DECLARATION OF JOHN G. SPRAYBERRY

Pursuant to 28 U.S.C. § 1746, I, John G. Sprayberry, declare under penalty of perjury that the following statements, based on my personal knowledge, are true:

1. I am an adult resident citizen of Carthage, Mississippi. I am competent to testify to the matters contained in this Declaration, and I give this Declaration voluntarily.
2. I am currently serving as the Deputy Administrator over Facility Planning, Construction, and Maintenance for the Mississippi Department of Corrections (“MDOC”). I began serving in that position in December 2017. Prior to that, I was employed by a private company providing maintenance services to MDOC.
3. In my position as Deputy Administrator, my responsibilities include, among other things, overseeing the planning, construction, repairs, and maintenance of buildings and facilities at all MDOC facilities, including the Mississippi State Penitentiary at Parchman (“MSP”).
4. I have general personal knowledge of present conditions and operations at MSP. I have personally observed the present conditions, and I am aware of the efforts undertaken by MDOC before and after December 29, 2019, with respect to maintenance and repairs of conditions at MSP. I visit MSP regularly.

EXHIBIT

1

5. I have personally observed that the root cause of the vast majority of any defects in inmates' living conditions at MSP is most often the inmates' intentional destruction of their own property, others' property, and inmate cells. Intentional inmate destruction at MSP was at its peak in December 2019 and January 2020. Repairs made necessary by inmate destruction often include, but are not limited to, plumbing fixtures, showers, toilets, urinals, sinks, other bathroom fixtures, water fountains, electrical components (including exposed wires from those components), walls, windows, roofing components, ceilings, and light fixtures. It requires an extraordinary effort to maintain any prison. The task of maintaining MSP is made even more difficult by the inmates' destruction of property immediately or shortly after it is repaired.

6. In recent months, MSP has transferred inmates out of a number of buildings such that those buildings are vacant. When a building is vacant, repairs and improvements can be made faster and more thoroughly. When a zone is occupied, repairs are more difficult.

7. MDOC has undertaken significant improvement efforts at MSP. These projects include, among others, improvements to the water system, improvements to the waste-water discharge system, including installation of two new sewage/wastewater lift stations (321-259),¹ repair and improvement to roofs (e.g., 321-261), and repair and improvements to bathrooms throughout MSP. *See* Documentation for Improvement Projects attached as Exhibit A.

8. Funding has been approved for MSP to begin additional improvement projects, but many of these projects have been placed on hold as a result of measures taken at MSP in response to COVID-19. These projects include: phase two of the waste-water improvement project, which includes installation of the remaining four sewage/wastewater lift stations, additional roofing improvements (321-264), bathroom renovations for MSP housing units (321-

¹ MDOC receives funding from the Legislature and approval to appropriate funds for construction projects by the Mississippi Bureau of Buildings. The project numbers assigned by the Bureau are supplied for reference.

263), replacement of the nurse call system in Unit 42 (321-265), and mechanical upgrades in Unit 42 including a new chiller and cooling tower (321-262). *See* Ex. A.

9. I have reviewed the allegations in Plaintiffs' Supplemental Emergency Motion for Temporary Restraining Order and Preliminary Injunction ("Supplemental Motion"), the Plaintiffs' Memorandum in Support of the Supplemental Motion, and the Plaintiffs' expert submissions attached as exhibits to the Supplemental Motion. It is my opinion, based on my personal knowledge of current conditions at MSP, that Plaintiffs' allegations and expert submissions are based on outdated evidence that does not reflect present conditions at MSP or the substantial improvements made at MSP in the past five months. The following are my personal observations:

- Repairs and Improvements – MDOC has made a significant, continuous effort over the past five months to repair and improve conditions at MSP. The repairs are well-documented. Since February, Defendants have repaired, among other things, roofs, showers, toilets, sinks, light fixtures, and electrical components. MDOC has expended a large amount of resources on repainting the housing units. MDOC has completed improvements to the water system, sewage system, and roofs. *See* Construction Maintenance Worksheets, Purchase Requisitions, and other Repair Documents attached as Appendix I and incorporated herein by reference.
- Roof and Window Leaks – MDOC has devoted substantial resources and has undertaken continuing measures to improve the roof and other areas of alleged water intrusion at MSP since the beginning of 2020. Roof repairs have been made to Units 25, 26, 28, 29, and 30. I am not aware of any active leaks in zones where inmates are housed. I am not aware of any active leaks in any of the areas where the Plaintiffs that requested relief in the Supplemental Motion are housed. *See* Photographs and Construction Maintenance Worksheets for Unit 29, Building F; Unit 30, Building A, Zone B; and Unit 30, Building B, Zone A, attached as Exhibit B.

Contrary to Plaintiffs' assertions, the roof repairs are often necessitated by intentional inmate destruction. The attached photographs show that inmates have made holes in the roofs of their housing units in order to attach telephone antennas, in an attempt to avoid the cellular signal scramblers on the grounds at MSP. *See* Photographs of Inmate Antennas attached as Exhibit C.

Also, on March 13, 2020, MDOC selected a professional to conduct a roof-improvement project that is currently in the design stage (Project No. 321-264). *See* Ex. A (Mar. 13, 2020 Memorandum).

- Plumbing/Sewage – Most of the plumbing and sewage issues are often caused by intentional inmate destruction. Inmates have flushed sheets, pillows, cell phones, and other belongings down the toilets, causing flooding in cells and housing units. MDOC has devoted substantial time and resources to remedying and repairing these issues as soon as they arise. *See* Photographs of Inmate Items in Sewer attached as Exhibit D.

In addition to routine repairs, MSP has replaced two of its six sewage/wastewater lift stations. These two lift stations service Units 25, 26, 28, 29, and 32. The lift stations contain technology which helps break up large masses in the sewage including items that inmates flush down the toilets. These lift stations substantially decrease sewage backups. MDOC has also budgeted for and approved the replacement of the remaining four wastewater lift stations. *See* Ex. A (Feb. 18, 2020 letter and approval form).

- Sewer System Blockage Decreases – MDOC has rectified sewage issues by installing the new lift stations, which break apart inmate items that are flushed down the toilets. Transferring inmates, many of whom more frequently flushed items down the toilet, has also contributed to the decrease in sewage issues. I am aware that MDOC has transferred a substantial number of inmates from MSP since January 2020. Since these inmate transfers, MSP has experienced a substantial decrease in sewer system blockages.
- Pest Control – I am not aware of any rodent or insect infestation at MSP. While rodents and insects can be expected in a rural area such as Parchman, MDOC employs a licensed pest control applicator who provides pest control services at MSP three days a week. I am aware that MSP's pest control applicator treated MSP's housing units for rodents and insects as recently as July 10, 2020. *See* 2020 Pest Control Documents attached as Exhibit E to Mallett Decl. and 2019 Pest Control Documents attached as Appendix II and incorporated herein by reference.
- Exposed Wires – I am personally aware of MDOC's substantial efforts to continuously repair exposed wires at MSP, which are caused primarily by inmate destruction. I am aware that inmates often destroy electrical components in order to short-circuit the wires to create a flame to light fires. Inmates destroy electrical components to make weapons; or to use the wiring to charge unapproved electronic devices they are not supposed to have. It is very difficult to install electrical components that inmates cannot destroy. When inmate destruction causes wires to be exposed, I am aware of substantial efforts to repair this condition as soon as possible. *See* App'x I.
- Showers, Sinks and Toilets – Repair and improvement of sinks, showers, and toilets, many of which are constantly damaged by inmates, are a priority in MDOC's continued effort to repair and improve all facilities at MSP. Repairs are made as soon as possible after it is discovered that these bathroom components are not in working order. *See id.* I am not personally aware of any showers at MSP that do not currently have hot water.

- Water – I am not aware of any credible evidence that the water at MSP contains any harmful contaminants. The most recent potable water test results for MSP show its water is within acceptable standards. *See* Water Samples and Test Results attached as Exhibit E. I am aware that the tests conducted by Plaintiffs’ experts confirm that there were no contaminants in the water in Units 26, 29, 30, and 32. [Doc. 101-5], Edwards, p. 7.

I am not aware of any water at MSP that appears to be brown in color or smells or tastes like sewage. Regardless, I became aware by reviewing Plaintiffs’ expert submissions that individuals cannot “tell by the look, taste, or smell of water if disease causing organisms are in it.” [Doc. 101-5], Edwards, p. 4.

I am aware that all persons present on the grounds at MSP—inmates, staff, correctional officers, and administrators—drink the same water.

Moreover, I am aware that MDOC has instituted measures to further improve the water system at MSP. MSP installed a new water control system in December 2019. The new system operates the wells and pumps automatically and contains sensors permitting the level of water and chemicals in the water to be monitored from a central location.

With regard to the allegation that inmates regularly go without running water, I am aware that inmates in particular cells at MSP may go without water after they intentionally damage their water faucets. When informed that inmates are not receiving water, MDOC attempts to repair the issue as soon as possible.

- Air Conditioning – There are operational heating units in all of the housing areas at MSP. Regarding housing areas, there are only “air conditioning” systems (i.e., air cooling systems) in Zone E of Unit 26, Unit 31, and Unit 42. In the other units, buildings, and zones, there are industrial-sized fans, which are routinely monitored by MDOC and repaired or replaced as necessary. *See* App’x I.
- Mold in Shower – I am aware of no test, investigation, or study that has confirmed the existence of mold anywhere at MSP.
- Lights – The main reason for any non-functioning lighting at MSP is that inmates tamper with and/or break light fixtures and bulbs. MSP has maintenance crews that routinely repair and replace lighting equipment that has been damaged or destroyed by the inmates, including light fixtures and bulbs.

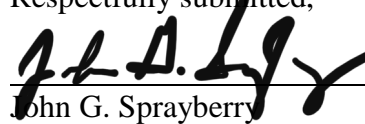
Since January 2020, MDOC has improved the light fixtures at MSP by installing lights which are less susceptible to inmate tampering. In Unit 30, MDOC has installed new tamper-resistant lighting that has substantially improved visibility. Inmates have not yet been successful in destroying these light fixtures. In Unit 29, MDOC has begun installing similar, more tamper-resistant light fixtures. *See* Photographs and Construction Maintenance Worksheets Regarding New Lights are attached as Exhibit F.

- Staffing Efforts – I am aware of active recruitment efforts to hire additional maintenance staff at MSP. MDOC has funding to hire an additional six maintenance workers at MSP, and MDOC intends to make every effort to fill those vacancies. I am aware that qualified applicants are actively recruited and hired immediately when possible.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Dated: July 13, 2020.

Respectfully submitted,



John G. Sprayberry



**STATE OF MISSISSIPPI
DEPARTMENT OF CORRECTIONS
Tommy Taylor
INTERIM COMMISSIONER**

John G. Sprayberry, Deputy Administrator
Facility Planning, Construction, & Maintenance
Institutions Division

301 North Lamar Street
Jackson, MS 39201
601-359-5652

February 18, 2020

Mr. Calvin Sibley
Director
Bureau of Buildings, Grounds, & Real Property
501 N. West St. Suite -1401-B
Jackson, MS 39201

RE: Project Request –MSP Water/Wastewater Improvements – PH II

Mr. Sibley,

The Mississippi Department of Corrections request a project initiation for the continuation of water/wastewater repairs needed at Mississippi State Penitentiary. The scope of work will be a continuation of the current Water/Wastewater project to include, but not limited to, the replacement of (4) lift stations and other wastewater components located at Mississippi State Penitentiary. The Mississippi Department of Corrections also request the continuation of the professional appointment in place of Pickering Engineering as the project professional. Per this request, initial project funding of \$1,500,000.00 will be allocated through SB3065 L'19. Your assistance in getting this project underway as soon as possible is greatly appreciated.

Should you have any questions or comments, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "John G. Sprayberry", is written over a horizontal line.

John G. Sprayberry
Deputy Administrator
MS Department of Corrections

Cc: Mr. Mario Smith - Bureau of Building
Mr. Mike Beauchamp – Bureau of Building
Mr. Tommy Taylor – MDOC Commissioner – Interim
Mr. Jeworski Mallet – MDOC Deputy Commissioner – Institutions
Mr. Karei McDonald – MDOC Deputy Commissioner - Finance

**EXHIBIT
A**

**301 NORTH LAMAR STREET · JACKSON, MISSISSIPPI 39201
PHONE: (601) 359-5600 · FAX: (601) 359-5624**

CONFIDENTIAL

MSPRepairs 001907

MDOC-Amos 016518


APPT-00004

STANDARD APPROVAL FORM

Bureau of Building, Grounds and Real Property Management

PROFESSIONAL APPOINTMENT

Project GS#/Name: 321-259 Water & Wastewater Improvements			
Institution/Agency: Mississippi State Penitentiary			
The Bureau of Building, Grounds and Real Property Management approves the following:			
X	Appointment of: Pickering Firm, Inc. (Memphis, Tennessee, through the Office listed herein)		
	City/State: Flowood, Mississippi		
	Award Amount: \$1.00		Award Number: PP002
Professional Scope: Planning through construction administration for the replacement of four (4) lift stations and other associated wastewater components located at Mississippi State Penitentiary.			
Appointment Details:			
Fee Complexity: C+		Fee Percentage: 0	Special Fee: \$0.00
Contract Type: No new contract required		Preplanning Project: No	Proceed to Phase:
Fee Credit Amount: \$0.00		for:	Credit Details:
Project Reference for Fee Credit (if applicable):			
RFQ Selection Date:		(Date entered only if RFQ process utilized to select Professional.)	
PPRB Approval Date:		(Date entered only if RFQ process utilized to select Professional.)	
\$1,500,000.00			
Selection Method: Professional appointed as a continuation of previous RFQ selection (Competitive RFx)			
Consultants to the Professional:			
Civil			
Architectural			
Structural			
Mechanical			
Electrical			
Hazardous Materials			
Remarks:			

ORIGINATOR	Mike Beauchamp, Project Manager	DATE: 02/18/2020
APPROVAL	Mario G. Smith, Bureau Assistant Director	DATE: 02/24/2020
APPROVAL	 Calvin R. Sibley, Bureau Director	DATE: 02/27/2020

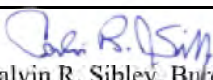
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CONFIDENTIAL

MSPRepairs 001908
MDOC-Amos 016519

PA-00011

STANDARD APPROVAL FORM
Bureau of Building, Grounds and Real Property Management
PLANNING APPROVAL

Project GS#/Name: 321-259 Water & Wastewater Improvements	
Institution/Agency: Mississippi State Penitentiary	
The Bureau of Building, Grounds and Real Property Management approves the following:	
X	Schematic Design Phase and authorize proceeding with Construction Document Phase (10%)
X	Award Adjustment of: \$11,129.75 to Award: PP002
X	Authorizing Payment to: Pickering Firm, Inc. (Memphis, Tennessee, through the Office listed herein)
	Amount Payable (less previous payments & credits): \$11,130.75
	Payment for 100% of total awarded to date is payable upon approval of this phase/deliverable(s).
PPRB Approval Date (if applicable):	
Fee Calculation:	
Construction Cost:	\$1,417,630.00
Fee Complexity:	C+
Fee Percentage:	
Amount Due:	\$11,130.75
Credits:	\$0.00
Subtotal:	\$11,130.75
Previously Awarded:	\$1.00
Award Adjustment:	\$11,129.75
Remarks: To expedite the completion of the Planning Phases and move forward to the Bidding Phase, the Project Professional has exceeded the Schematic Design Phase requirements and completed the majority of the Design Development Phase requirements in this phase submittal. The Professional is therefore able to complete any remaining contract requirements of the Design Development Phase as part of the Construction Document Phase submittal. All supporting documentation uploaded in BRICKS document manager.	

ORIGINATOR	Mario G. Smith, Bureau Assistant Director	DATE: 05/15/2020
APPROVAL	Mario G. Smith, Bureau Assistant Director	DATE: 05/15/2020
APPROVAL	 Calvin R. Sibley, Bureau Director	DATE: 05/21/2020

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MSPRepairs 001909
MDOC-Amos 016520



STATE OF MISSISSIPPI

DEPARTMENT OF CORRECTIONS

PELICIA E. HALL, Esq.
COMMISSIONER

July 23, 2019

Ms. Laura Jackson, Executive Director
Department of Finance & Administration
501 North West Street, Suite 1301
Jackson, Mississippi 39201

RE: *Emergency Declaration for Utilization of Capital Expense Funds*

Dear Director Jackson:

I have reviewed the operations of the Mississippi Department of Corrections (MDOC) as it relates security, housing of state offenders and infrastructure concerns at its three state institutions. In reviewing such, I, as the Commissioner of the MDOC, do hereby make the following findings and determinations pursuant to the authority provided in Section 27-103-303(4) of the Mississippi Code of 1972:

- (a) That there exists an emergency at the Mississippi State Penitentiary at Parchman, MS, which requires immediate repair to Unit 42/Hospital Critical Care Unit HVAC System, to include Cooling Tower and Chiller Replacement and housing unit bathroom renovations.
- (b) That there exists an emergency at the South Mississippi Correctional Institute at Leakesville, MS, which requires immediate repair to Housing Unit Roofs.
- (c) That there exists an emergency at the Central Mississippi Correctional Facility at Pearl, MS, which requires immediate repair to security control systems within the housing units.
- (d) That, John Sprayberry, Deputy Administrator of Facility Planning, Construction, and Maintenance has also made the determination that the repairs are needed on an emergency basis; and
- (e) That delay incident to giving opportunity for competitive bidding would be detrimental to the best interest of the state and MDOC.

Pelicia E. Hall
July 23, 2019
Page 2

By means of this Emergency Certification, we request the Bureau of Building, Grounds and Real Property Management to take the necessary steps for immediate repairs as outlined above and as detailed in the supporting documentation. Failure to address the enumerated emergency repairs pose a threat to the property and to the lives of the staff and offender population.

Sincerely,

A handwritten signature in black ink, appearing to read "Pelicia E. Hall". The signature is fluid and cursive, with the first name "Pelicia" being more prominent.

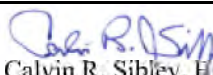
Pelicia E. Hall, Commissioner

cc: Dell Lemley, DCAF
Enclosure (as stated)

PA-00001

STANDARD APPROVAL FORM
Bureau of Building, Grounds and Real Property Management
PLANNING APPROVAL

Project GS#/Name: 321-263 Unit Bathroom Renovations (EMER)	
Institution/Agency: Mississippi State Penitentiary	
The Bureau of Building, Grounds and Real Property Management approves the following:	
X	Schematic Design Phase and authorize proceeding with Construction Document Phase (10%)
X	Award Adjustment of: \$1,993.88 to Award: PP001
X	Authorizing Payment to: Shafer-Zahner-Zahner, PLLC
	Amount Payable (less previous payments & credits): \$1,994.88
	Payment for 100% of total awarded to date is payable upon approval of this phase/deliverable(s).
PPRB Approval Date (if applicable):	
Fee Calculation:	
Construction Cost:	\$220,710.00
Fee Complexity:	C+
Fee Percentage:	
Amount Due:	\$1,994.88
Credits:	\$0.00
Subtotal:	\$1,994.88
Previously Awarded:	\$1.00
Award Adjustment:	\$1,993.88
Remarks: To expedite the completion of the Planning Phases and move forward to the Bidding Phase, the Project Professional has exceeded the Schematic Design Phase requirements and completed the majority of the Design Development Phase requirements in this Phase submittal. The Professional is therefore able to complete any remaining contract requirements of the Design Development Phase as part of the Construction Document Phase submittal. Supporting correspondence can be found in the document manager.	

ORIGINATOR	Mike Beauchamp, Project Manager	DATE: 02/27/2020
APPROVAL	Mario G. Smith, Bureau Assistant Director	DATE: 03/13/2020
APPROVAL	 Calvin R. Sibley, Bureau Director	DATE: 03/24/2020

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MSPRepairs 001912
MDOC-Amos 016523

PREQ-00888

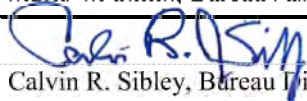
STANDARD APPROVAL FORM

Bureau of Building, Grounds and Real Property Management

PROJECT INITIATION

Project GS#/Name:	321-263 Unit Bathroom Renovations (EMER)		
Institution/Agency:	Mississippi State Penitentiary		
Location:	Parchman, MS	County:	Sunflower
Scope:	Planning through construction administration for emergency bathroom renovations at Unit 42/Housing Unit.		
Project Classification:	R&R		
Funding Source:	Emergency Capital Expense Funds		
Total Project Budget:	\$200,000.00		

The Bureau of Building, Grounds and Real Property Management approves the following:	
X	No Professional will be selected/appointed at this time.
Remarks:	

CREATOR	Mike Beauchamp	DATE: 08/01/2019 10:07
ORIGINATOR	Mike Beauchamp, Project Manager	DATE: 08/13/2019
FINANCIAL REVIEW	Jesse O'Quinn, Bureau Director II	DATE: 08/13/2019
APPROVAL		DATE:
APPROVAL	Mario G. Smith, Bureau Assistant Director	DATE: 08/21/2019
APPROVAL	 Calvin R. Sibley, Bureau Director	DATE: 08/23/2019

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MSPRepairs 001913
MDOC-Amos 016524



STATE OF MISSISSIPPI
GOVERNOR TATE REEVES

DEPARTMENT OF FINANCE AND ADMINISTRATION

M E M O R A N D U M

TO: All Respondents

FROM: Calvin Sibley, Director *CS*
Bureau of Building, Grounds and Real Property Management

RE: GS#321-264
MSP Campus Roofing - Various
Mississippi Department of Corrections

DATE: March 13, 2020

The Bureau of Building, Grounds and Real Property Management and the Mississippi Department of Corrections appreciates each firm's response in regards to the subject project. We are happy to announce that the Selection Committee has chosen, **SHAFFER - ZAHNER - ZAHNER, PLLC**, to provide professional services for this endeavor.

Cc: John Sprayberry
Glenn Kornbrek
Adrian Massey
Mario Smith
Mike Beauchamp
Responding Professionals

BUREAU OF BUILDING, GROUNDS AND REAL PROPERTY MANAGEMENT
501 NORTH WEST STREET, SUITE 1401 B · JACKSON, MISSISSIPPI 39201 · TEL (601) 359-3621 · FAX (601) 359-2470

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MSPRepairs 001914
MDOC-Amos 016525



**EXHIBIT
B**







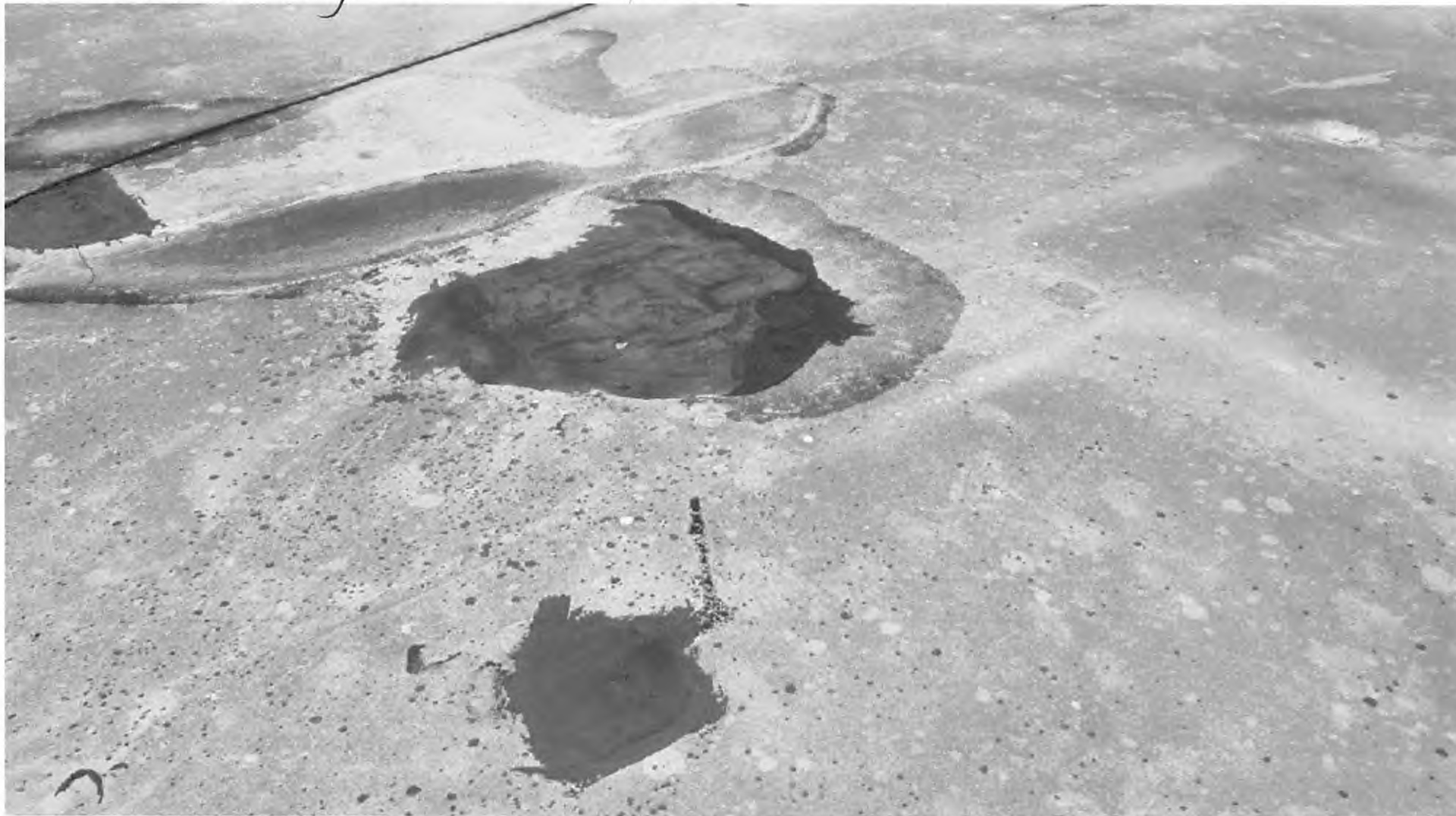
Unit 29-F Building Roof Area A-zone



Unit 29-F Building Roof Area A-zone



Unit 29-F Building Roof Area A Zone



**MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET**

No 12538

24-01-01-F1
Revision 7/01/03

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCF☒ MSP☐ SMCIBLDG # 29-F/6/H/11LOCATION MSPREQUESTED BY J. sprayberry

<input type="checkbox"/> CARPENTRY	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> ELECTRONICS	<input type="checkbox"/> HVAC	<input type="checkbox"/> PEST CONTROL	<input checked="" type="checkbox"/> PREVENTIVE	APPROVED BY _____
<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> ELECTRICAL	<input type="checkbox"/> GROUNDS	<input type="checkbox"/> PAINT	<input type="checkbox"/> PLUMBING	<input type="checkbox"/> WELDING	COST CENTER _____
DATE RECEIVED <u>3/10/20</u> DATE START <u>3/10/20</u> DATE COMPLETED <u>3-10-20</u> TIME RECEIVED <u>7:00</u> TIME STARTED <u>9:30</u> TIME COMPLETED <u>7:15</u> PRIORITY <u>E ① 2 3</u> NO. INMATES <u>5</u> TOTAL MAN HOURS <u>5</u>						WORK TYPE PREVENTIVE <input checked="" type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/>
DESCRIPTION OF WORK TO BE PERFORMED		MATERIAL USED	QTY	COST EA	TOTAL	
Caulking and Taring roofs						
To prevent leaking						
SPECIAL COMMENTS:						
Accepted By: <u>Donell Wiggins</u>						
Supervisor: _____						
Superintendent: _____						

CONFIDENTIAL

MSPRepairs 000251

MDOC-Amos 015249

24-01-01-P1
Revision 7/01/02MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

No 12457

JOB NO _____

BLDG # F

C.W.C. _____

LOCATION Unit #29

OTHER _____

☒ CMCF☒ MSP☐ SMCI

REQUESTED BY _____

<input checked="" type="checkbox"/> CARPENTRY <input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____	
DATE RECEIVED _____ TIME RECEIVED _____ PRIORITY E 1 2 <u>3</u>		DATE START <u>3-19-2020</u> DATE COMPLETED <u>3-19-2020</u> TIME STARTED <u>8:00 am</u> TIME COMPLETED <u>11:05 am</u> NO. INMATES <u>3</u> TOTAL MAN HOURS <u>3.75</u>	
DESCRIPTION OF WORK TO BE PERFORMED <u>Inspect Roof and Repaired</u> <u>as much as seen. Recommend</u> <u>Roof need to be Replaced</u>		WORK TYPE PREVENTIVE <input type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/>	
MATERIAL USED <u>Used Wet + Dry Tile</u>		QTY	COST EA. TOTAL
		<u>2</u>	
SPECIAL COMMENTS:			
<u>Recommend Roof Need to be Replaced</u>			
Accepted By: <u>Louisey, HARRIS, Williamson</u>			
Supervisor: <u>E. Long</u>			
Superintendent: _____			

CONFIDENTIAL

MSPRepairs 000280

MDOC-Amos 015272

24-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

№ 12525

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCF☒ MSP☐ SMCIBLDG # Unit 729LOCATION G, F

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____		
DATE RECEIVED _____	DATE START <u>3/19/2020</u>	DATE COMPLETED <u>3/19/2020</u>	WORK TYPE	
TIME RECEIVED _____	TIME STARTED _____	TIME COMPLETED _____	PREVENTIVE <input type="checkbox"/>	
PRIORITY <u>E 1 2 3</u>	NO. INMATES _____	TOTAL MAN HOURS <u>36</u>	PREDICTIVE <input type="checkbox"/>	
			GEN MAINT <input type="checkbox"/>	
			CONSTRUCTION <input type="checkbox"/>	
DESCRIPTION OF WORK TO BE PERFORMED	MATERIAL USED	QTY	COST EA	TOTAL
<u>Caulk seams on buildings</u>				
<u>Patch Roof on F</u>				
SPECIAL COMMENTS:				
Accepted By: _____				
Supervisor: _____				
Superintendent: _____				

CONFIDENTIAL

MSPRepairs 000276

MDOC-Amos 015269

Z4-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

No 12581

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCF☒ MSP☐ SMCIBLDG # Unit 29 BLD's G & F

LOCATION _____

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____	
DATE RECEIVED <u>3/19/20</u> TIME RECEIVED <u>7:15</u> PRIORITY E 1 2 3		DATE START <u>3/19/20</u> DATE COMPLETED <u>3/19/20</u> TIME STARTED <u>7:30</u> TIME COMPLETED <u>4:00</u> NO. INMATES _____ TOTAL MAN HOURS <u>8.5</u>	
DESCRIPTION OF WORK TO BE PERFORMED <u>Repair Roof as needed Bld F</u> <u>@ Seal Bld's as needed Bld G & F</u> <u>Gilliam, Yates, Williamson</u>		WORK TYPE PREVENTIVE <input type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/>	
SPECIAL COMMENTS: <u>Bld F needs Caulk,</u> <u>Ran out of Caulk, Bld G almost done</u>		MATERIAL USED QTY COST EA TOTAL	
Accepted By: _____ Supervisor: _____ Superintendent: _____			

CONFIDENTIAL

MSPRepairs 000282

MDOC-Amos 015274

24-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

No 11109

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCF☒ MSP☐ SMCIBLDG # 30 unitLOCATION MSP

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input checked="" type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____		
DATE RECEIVED <u>5/13/20</u> TIME RECEIVED <u>8:00</u> PRIORITY E <u>1</u> 2 3	DATE START <u>5/13/20</u> TIME STARTED <u>8:30</u> NO. INMATES <u>4</u>	DATE COMPLETED <u>5/13/2</u> TIME COMPLETED <u>4:45</u> TOTAL MAN HOURS <u>7:45</u>	WORK TYPE PREVENTIVE <input type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/>	
DESCRIPTION OF WORK TO BE PERFORMED	MATERIAL USED	QTY	COST EA.	TOTAL
patching holes sealing ceiling	4 Bags of Dex	4		
checking Ac units				
SPECIAL COMMENTS:				
Accepted By: <u>Dorrell Wiggins</u>				
Supervisor: _____				
Superintendent: _____				

CONFIDENTIAL

MSPRepairs 001561
MDOC-Amos 016225

24-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

No 13264

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCF☒ MSP☐ SMCIBLDG # U-35 A Bldg. B-ZoneLOCATION Bed Area + Restrooms

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input checked="" type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____		
DATE RECEIVED <u>5/14/20</u> TIME RECEIVED <u>09:00</u> PRIORITY E 1 2 3	DATE START <u>5/14/20</u> TIME STARTED <u>1330</u> NO. INMATES <u>3</u>	DATE COMPLETED <u>5/14/20</u> TIME COMPLETED <u>14:47</u> TOTAL MAN HOURS _____	WORK TYPE PREVENTIVE <input type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input checked="" type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/>	
DESCRIPTION OF WORK TO BE PERFORMED	MATERIAL USED	QTY	COST EA.	TOTAL
10 holes in wall by bed	Patched all holes with			
space, 3 holes over sinks, & 1	Redox			
hole under sink #17				
SPECIAL COMMENTS:				
Accepted By				
Supervisor: <u>William E. Burrell</u>				
Superintendent:				

CONFIDENTIAL

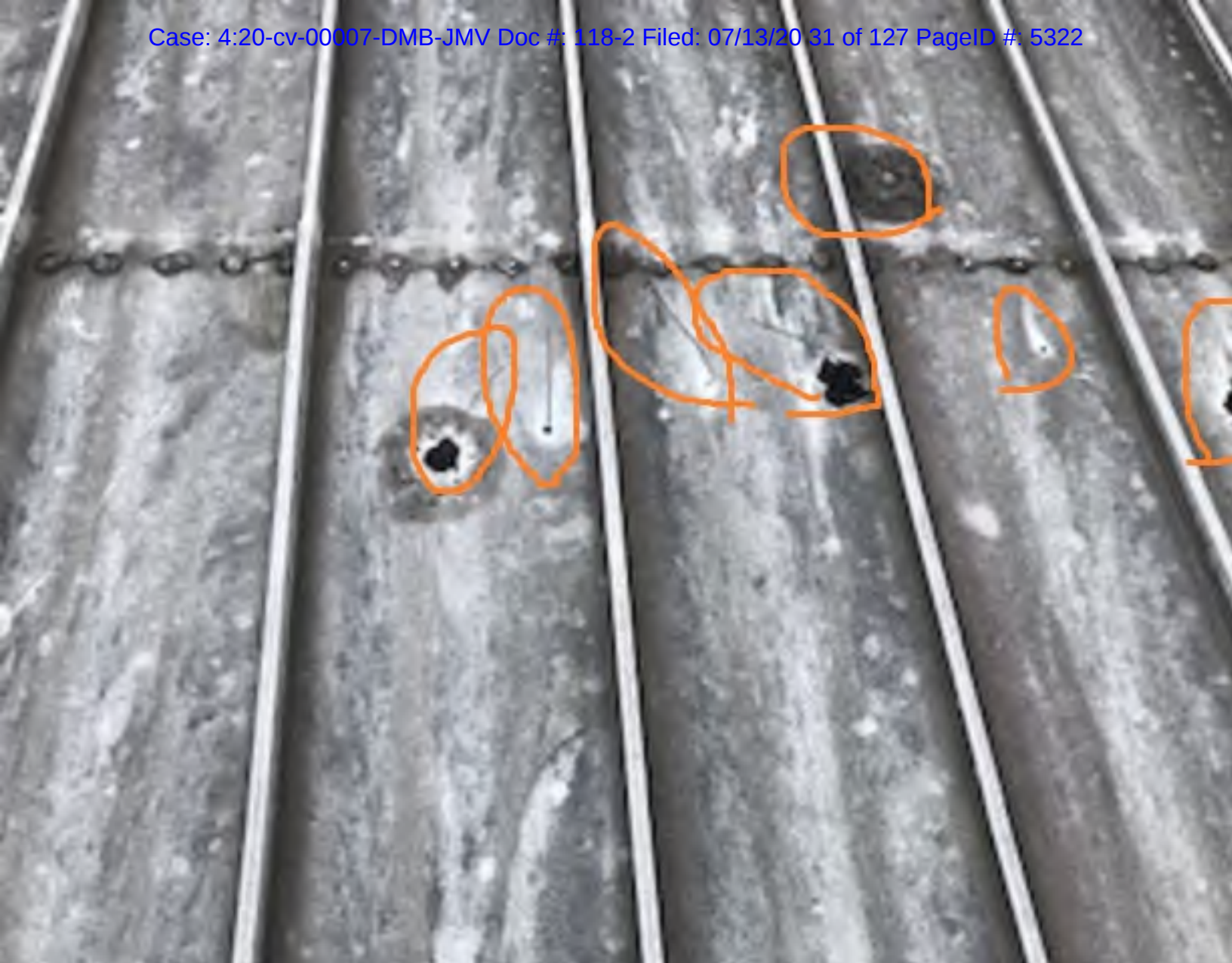
MSPRepairs 001593
MDOC-Amos 016257



**EXHIBIT
C**













**EXHIBIT
D**







MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 15496

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

Routine drinking water microbiology samples may be delivered directly to the MPHL by 4:00 pm Monday - Thursday. Routine samples may be dropped off at a MSDH health department Monday - Wednesday for delivery to the MPHL via the courier. Please contact your local health department for Monday - Wednesday hours of operation. Some health department hours may change.

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LABORATORY HOLIDAY CLOSURE NOTICE

The MS Public Health Laboratory will be closed for business on holidays declared by the Governor of the State of Mississippi and authorized by the State Health Officer. The 2019 State Holidays schedule is published at www.sos.ms.gov <<http://www.sos.ms.gov>> as follows

First Day of January	New Year's Day
Third Monday of January	Martin Luther King's and Robert E. Lee's Birthdays
Third Monday of February	George Washington's Birthday
Last Monday of April	Confederate Memorial Day
Last Monday of May	National Memorial Day/ Jefferson Davis' Birthday
July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Day* Nov 26-27	Thanksgiving Day
December Day** 25	Christmas Day

*proclaimed by the Governor of MS corresponding to the date proclaimed by the President of the United States. The Governor, at his discretion, designates any additional day(s).

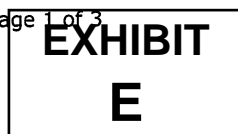
**and any day(s) designated, at the Governor's discretion.

Holidays which fall on Saturday or Sunday may be observed by state agencies on the following Monday.

The Mississippi State Department of Health will be closed Thursday, Nov 26-27, 2020 and Friday, December 25, 2020.

Print Date/Time: 2020-01-11 13:19

Page 1 of 3



Printed By: Background Process

CONFIDENTIAL**MDOC-Amos 004357**

Mississippi Public Health Laboratory

Drinking Water

Report Number: 15496

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-7181

LSN	BACT-191022-72288	/ 93870	Date Received	01/09/20 09:17
Reason for Test	RT Routine Testing		Site Code	TC0004
Date/Time Collected	01/08/20 12:10		Collection Site Address	590 Parchman Rd. 12 (Admin. Build.)
Collected By				
Res Chlorine, Free mg/L	1.4			
Res Chlorine, Total mg/L	1.6			
Comments	COLLECTED BY: D. GRIFFIN			

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

LSN	BACT-191022-72289	/ 93871	Date Received	01/09/20 09:15
Reason for Test	RT Routine Testing		Site Code	TC0008
Date/Time Collected	01/08/20 12:25		Collection Site Address	Fire House
Collected By				
Res Chlorine, Free mg/L	1.0			
Res Chlorine, Total mg/L	1.1			
Comments	COLLECTED BY:D. GRIFFIN			

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

**Mississippi Public Health Laboratory
Drinking Water**

Report Number: 15496

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-7181

LSN **BACT-191022-72290** / 93872**Reason for Test** **RT Routine Testing****Date Received** **01/09/20 09:15****Date/Time Collected** **01/08/20 12:30****Site Code** **TC0007****Collected By****Collection Site Address****Res Chlorine, Free mg/L** **.9****Const./Eng. Office****Res Chlorine, Total mg/L** **1.0****Comments**

Analysis

Results

SM 9223 BACT**Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml**



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 14098

Submitter:

MS STATE PENITENTIARY-MN LN
0670014

MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)

570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582

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Last Monday of May	National Memorial Day/ Jefferson Davis' Birthday
July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Thanksgiving * Nov 28-29, 2019	Thanksgiving Day
December 24 - 24, 2019	Christmas Day

*proclaimed by the Governor of MS corresponding to the date proclaimed by the President of the United States. The Governor, at his discretion, designates any additional day(s).

Holidays which fall on Saturday or Sunday may be observed by state agencies on the following Monday.

The Mississippi State Department of Health will be closed Thursday, Nov 28-29, 2019 and Tuesday & Wednesday, December 24 - 25, 2019 and Wednesday January 1, 2020.

Mississippi Public Health Laboratory

Drinking Water

Report Number: 14098

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-7181

LSN	BACT-191022-72291	/ 93873	Date Received	12/19/19 08:56
Reason for Test	RT Routine Testing		Site Code	TC0007
Date/Time Collected	12/18/19 16:05		Collection Site Address	CONST./ENG. OFFICE
Collected By				
Res Chlorine, Free mg/L	1.0			
Res Chlorine, Total mg/L	1.1			
Comments	COLLECTED BY: D. GRIFFIN			

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

LSN	BACT-191022-72292	/ 93874	Date Received	12/19/19 09:01
Reason for Test	RT Routine Testing		Site Code	TC0002
Date/Time Collected	12/18/19 15:45		Collection Site Address	590 Parchman Rd. 12 (Camp 30)
Collected By	GRIFFIN, DEWAYNE			
Res Chlorine, Free mg/L	1.2			
Res Chlorine, Total mg/L	1.4			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

**Mississippi Public Health Laboratory
Drinking Water**

Report Number: 14098

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-7181

LSN **BACT-191022-72293** / 93875**Reason for Test** **RT Routine Testing****Date Received** **12/19/19 08:56****Date/Time Collected** **12/18/19 15:30****Site Code** **TC0004****Collected By****Collection Site Address****Res Chlorine, Free mg/L** **1.5****Admin. Building****Res Chlorine, Total mg/L** **1.7****Comments** **COLLECTED BY: D. GRIFFIN**

Analysis

Results

SM 9223 BACT**Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml**



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 12349

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

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November Thanksgiving * Nov 28-29, 2019	Thanksgiving Day
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**Mississippi Public Health Laboratory
Drinking Water**

Report Number: 12349

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-7181

LSN	BACT-191022-72294	/ 93876	
Reason for Test	RT Routine Testing	Date Received	11/26/19 08:07
Date/Time Collected	11/25/19 13:10	Site Code	TC0008
Collected By	GRIFFIN, DEWAYNE	Collection Site Address	
Res Chlorine, Free mg/L	1.0	590 Parchman Rd. 12 (Fire House)	
Res Chlorine, Total mg/L	1.2		
Comments			

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 10442

Submitter:**MS STATE PENITENTIARY-MN LN
0670014****MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER****Mississippi State Department of Health - MS Public Health Laboratory (MPHL)****570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

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Last Monday of May	National Memorial Day/ Jefferson Davis' Birthday
July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Thanksgiving * Nov 28-29, 2019	Thanksgiving Day
December 24 - 24, 2019	Christmas Day

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Mississippi Public Health Laboratory

Drinking Water

Report Number: 10442

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-2178

LSN BACT-190511-25206 / 33561

Reason for Test RT Routine Testing

Date Received 10/30/19 14:50

Date/Time Collected 10/29/19 14:35

Site Code TC0004

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L 1.2

Admin. Build.

Res Chlorine, Total mg/L 1.4

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

LSN BACT-190511-25207 / 33562

Reason for Test RT Routine Testing

Date Received 10/30/19 14:50

Date/Time Collected 10/29/19 14:00

Site Code TC0008

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L .70

Fire House

Res Chlorine, Total mg/L 1.1

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

Print Date/Time: 2019-10-31 13:07

Page 2 of 3

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CONFIDENTIAL

MDOC-Amos 004366

**Mississippi Public Health Laboratory
Drinking Water**

Report Number: 10442

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-2178

LSN **BACT-190511-25208** /33563**Reason for Test** **RT Routine Testing****Date Received** **10/30/19 14:50****Date/Time Collected** **10/29/19 13:45****Site Code** **TC0007****Collected By** **GRIFFIN, DEWAYNE****Collection Site Address****Res Chlorine, Free mg/L** **1.0****Const./Eng. Office****Res Chlorine, Total mg/L** **1.2****Comments**

Analysis

Results

SM 9223 BACT**Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml**



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 8206

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

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Last Monday of April	Confederate Memorial Day
Last Monday of May	National Memorial Day/ Jefferson Davis' Birthday
July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Day * Nov 28-29	Thanksgiving Day
25 th Day of December ** Dec 25	Christmas Day

*proclaimed by the Governor of MS corresponding to the date proclaimed by the President of the United States. The Governor, at his discretion, designates any additional day(s).

**and any day(s) designated, at the Governor's discretion.

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The Mississippi State Department of Health will be closed Thursday, Nov 28-29, 2019 and Wednesday, December 25, 2019

Print Date/Time: 2019-09-26 13:10

Page 1 of 3

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Emailed to: tkchristopher@att.net

CONFIDENTIAL**MDOC-Amos 004368**

Mississippi Public Health Laboratory

Drinking Water

Report Number: 8206

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-2178**LSN** **BACT-190511-25203** / 33558**Reason for Test** **RT Routine Testing****Date Received** **09/25/19 07:59****Date/Time Collected** **09/24/19 12:20****Site Code** **TC0004****Collected By** **GRIFFIN, DEWAYNE****Collection Site Address****Res Chlorine, Free mg/L** **1.0****Admin. Build****Res Chlorine, Total mg/L** **1.2****Comments****Analysis****Results****SM 9223 BACT****Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml****LSN** **BACT-190511-25204** / 33559**Reason for Test** **RT Routine Testing****Date Received** **09/25/19 07:59****Date/Time Collected** **09/24/19 12:40****Site Code** **TC0008****Collected By** **GRIFFIN, DEWAYNE****Collection Site Address****Res Chlorine, Free mg/L** **.70****Fire House****Res Chlorine, Total mg/L** **.90****Comments****Analysis****Results****SM 9223 BACT****Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml**

Print Date/Time: 2019-09-26 13:10

Page 2 of 3

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Emailed to: tkchristopher@att.net

CONFIDENTIAL**MDOC-Amos 004369**

**Mississippi Public Health Laboratory
Drinking Water**

Report Number: 8206

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732

DRINK_BACT-2178

LSN **BACT-190511-25205** / 33560**Reason for Test** **RT Routine Testing****Date Received** **09/25/19 07:59****Date/Time Collected** **09/24/19 13:10****Site Code** **TC0007****Collected By** **GRIFFIN, DEWAYNE****Collection Site Address****Res Chlorine, Free mg/L** **.50****Const./Eng. Office****Res Chlorine, Total mg/L** **.70****Comments**

Analysis**Results**

SM 9223 BACT**Presence - Absence (SM9223)****Total Coliform and E. coli Absent <1/100ml**



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 5992

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

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Third Monday of February	George Washington's Birthday
Last Monday of April	Confederate Memorial Day
Last Monday of May	National Memorial Day/ Jefferson Davis' Birthday
July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Day * Nov 28-29	Thanksgiving Day
25 th Day of December ** Dec 25	Christmas Day

*proclaimed by the Governor of MS corresponding to the date proclaimed by the President of the United States. The Governor, at his discretion, designates any additional day(s).

**and any day(s) designated, at the Governor's discretion.

Holidays which fall on Saturday or Sunday may be observed by state agencies on the following Monday.

The Mississippi State Department of Health will be closed Thursday, Nov 28-29, 2019 and Wednesday, December 25, 2019

Print Date/Time: 2019-08-23 13:20

Page 1 of 3

Printed By: Background Process

Emailed to: tkchristopher@att.net

CONFIDENTIAL**MDOC-Amos 004371**

Mississippi Public Health Laboratory

Drinking Water

Report Number: 5992

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN	BACT-190511-25200	/ 33555	Date Received	08/22/19 07:55
Reason for Test	RT Routine Testing		Site Code	TC0004
Date/Time Collected	08/21/19 09:00		Collection Site Address	
Collected By	GRIFFIN, DEWAYNE		(Admin. Building)	
Res Chlorine, Free mg/L	.80			
Res Chlorine, Total mg/L	1.0			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

LSN	BACT-190511-25201	/ 33556	Date Received	08/22/19 07:55
Reason for Test	RT Routine Testing		Site Code	TC0008
Date/Time Collected	08/21/19 09:25		Collection Site Address	
Collected By	GRIFFIN, DEWAYNE		(Fire House)	
Res Chlorine, Free mg/L	.60			
Res Chlorine, Total mg/L	.80			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

Print Date/Time: 2019-08-23 13:20

Page 2 of 3

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Emailed to: tkchristopher@att.net

CONFIDENTIAL**MDOC-Amos 004372**

Mississippi Public Health Laboratory

Drinking Water

Report Number: 5992

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN BACT-190511-25202 /33557

Reason for Test RT Routine Testing

Date Received 08/22/19 07:55

Date/Time Collected 08/21/19 09:50

Site Code TC0007

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L 1.0

Eng. BUILDING

Res Chlorine, Total mg/L 1.1

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 3971

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582****Routine Drinking Water Microbiology Samples Will no Longer be Accepted on Fridays or Saturdays and will be rejected upon receipt.**

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July 4	Independence Day
First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
November Day * Nov 28-29	Thanksgiving Day
25 th Day of December ** Dec 25	Christmas Day

*proclaimed by the Governor of MS corresponding to the date proclaimed by the President of the United States. The Governor, at his discretion, designates any additional day(s).

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CONFIDENTIAL**MDOC-Amos 004374**

Mississippi Public Health Laboratory

Drinking Water

Report Number: 3971

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN BACT-190511-25197 / 33552

Reason for Test RT Routine Testing

Date Received 07/31/19 08:33

Date/Time Collected 07/30/19 09:50

Site Code TC0004

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L .90

Admin. Build.

Res Chlorine, Total mg/L 1.1

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

LSN BACT-190511-25198 / 33553

Reason for Test RT Routine Testing

Date Received 07/31/19 08:33

Date/Time Collected 07/30/19 10:15

Site Code TC0008

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L .70

Fire House

Res Chlorine, Total mg/L .80

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

Print Date/Time: 2019-08-01 13:12

Page 2 of 3

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MDOC-Amos 004375

Mississippi Public Health Laboratory

Drinking Water

Report Number: 3971

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN BACT-190511-25199 / 33554

Reason for Test RT Routine Testing

Date Received 07/31/19 08:33

Date/Time Collected 07/30/19 10:45

Site Code TC0007

Collected By GRIFFIN, DEWAYNE

Collection Site Address

Res Chlorine, Free mg/L .60

Engineer BUILDING

Res Chlorine, Total mg/L .70

Comments

Analysis

Results

SM 9223 BACT

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

Print Date/Time: 2019-08-01 13:12

Page 3 of 3

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Emailed to: tkchristopher@att.net

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MDOC-Amos 004376



MISSISSIPPI STATE DEPARTMENT OF HEALTH

Report Number: 1455

**Submitter: MS STATE PENITENTIARY-MN LN
0670014**

**MS STATE PENITENTIARY-MN LN
25 GASTON DR
CLEVELAND, MS 38732
Attention: KEITH CHRISTOPHER**

Mississippi State Department of Health - MS Public Health Laboratory (MPHL)**570 East Woodrow Wilson Jackson MS 39216 Phone: 601-576-7582**

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First Monday of September	Labor Day
November 11 th Day	Armistice Day (Veteran's Day)
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25 th Day of December ** Dec 25	Christmas Day

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Mississippi Public Health Laboratory

Drinking Water

Report Number: 1455

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN	BACT-190511-25191	/ 33546	Date Received	06/20/19 07:53
Reason for Test	RT Routine Testing		Site Code	TC0004
Date/Time Collected	06/19/19 13:00		Collection Site Address	
Collected By	GRIFFIN, DEWAYNE		ADMIN BUILDING	
Res Chlorine, Free mg/L	1.2			
Res Chlorine, Total mg/L	1.4			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

LSN	BACT-190511-25192	/ 33547	Date Received	06/20/19 07:53
Reason for Test	RT Routine Testing		Site Code	TC0008
Date/Time Collected	06/19/19 13:25		Collection Site Address	
Collected By	GRIFFIN, DEWAYNE		Fire House	
Res Chlorine, Free mg/L	1.4			
Res Chlorine, Total mg/L	1.6			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

Mississippi Public Health Laboratory

Drinking Water

Report Number: 1455

Name	MS STATE PENITENTIARY-MN LN	Reporting Address
Submitter #	0670014	25 GASTON DR
Contact	KEITH CHRISTOPHER	CLEVELAND, MS 38732
<input checked="" type="checkbox"/> Sample For Compliance		

DRINK_BACT-2178

LSN	BACT-190511-25193	/ 33548	Date Received	06/20/19 07:53
Reason for Test	RT Routine Testing		Site Code	TC0007
Date/Time Collected	06/19/19 13:45		Collection Site Address	ENGINEERING BUILDING
Collected By	GRIFFIN, DEWAYNE			
Res Chlorine, Free mg/L	1.1			
Res Chlorine, Total mg/L	1.3			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

LSN	BACT-190511-25194	/ 33549	Date Received	06/20/19 07:53
Reason for Test	RT Monitoring		Site Code	DS000
Date/Time Collected	06/19/19 14:00		Collection Site Address	CAMP 29
Collected By	GRIFFIN, DEWAYNE			
Res Chlorine, Free mg/L	1.0			
Res Chlorine, Total mg/L	1.1			
Comments				

Analysis	Results
SM 9223 BACT	
Presence - Absence (SM9223)	Total Coliform and E. coli Absent <1/100ml

Mississippi Public Health Laboratory

Drinking Water

Report Number: 1455

Name MS STATE PENITENTIARY-MN LN**Submitter #** 0670014**Contact** KEITH CHRISTOPHER☐ **Sample For Compliance****Reporting Address**

25 GASTON DR

CLEVELAND, MS 38732

DRINK_BACT-2178**LSN** BACT-190511-25195 / 33550**Reason for Test** RT Monitoring**Date/Time Collected** 06/19/19 14:30**Collected By** GRIFFIN, DEWAYNE**Res Chlorine, Free mg/L** .90**Res Chlorine, Total mg/L** 1.0**Comments****Date Received** 06/20/19 07:53**Site Code** DS000**Collection Site Address**

CAMP 30

Analysis**Results****SM 9223 BACT**

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

LSN BACT-190511-25196 / 33551**Reason for Test** RT Monitoring**Date/Time Collected** 06/19/19 14:50**Collected By** GRIFFIN, DEWAYNE**Res Chlorine, Free mg/L** 1.1**Res Chlorine, Total mg/L** 1.2**Comments****Date Received** 06/20/19 07:53**Site Code** DS000**Collection Site Address**

CAMP 25

Analysis**Results****SM 9223 BACT**

Presence - Absence (SM9223)

Total Coliform and E. coli Absent <1/100ml

Print Date/Time: 2019-06-21 13:14

Page 4 of 4

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CONFIDENTIAL**MDOC-Amos 004380**



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3/20/2019

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS, 38732

Ref: Analytical Testing
Lab Report Number: 19-072-0230
Client Project Description: Analytical Testing
Parchman

Dear Mr. Keith Christopher:
Waypoint Analytical Mississippi, Inc. received sample(s) on 3/13/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "BH", written over a horizontal line.

Brian Herrington
Technical Director

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





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www.waypointanalytical.com

Sample Summary Table

Report Number: 19-072-0230
Client Project Description: Analytical Testing
Parchman

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
74939	Lagoon (Effluent)	Aqueous	03/13/2019 10:00	03/13/2019
74940	Lagoon (Influent)	Aqueous	03/13/2019 10:00	03/13/2019



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 03/20/2019
Received : 03/13/2019

Report Number : 19-072-0230

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 74939
Sample ID : Lagoon (Effluent)

Matrix: Aqueous
Sampled: 3/13/2019 10:00

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	0.979	mg/L	0.101	1	03/20/19 10:40	DAK	4500NH3D-2011
Biochemical Oxygen Demand	<6	mg/L	6	1	03/14/19 12:53	SNC	5210B-2011
Nitrate+Nitrite-N	1.99	mg/L	0.100	1	03/18/19 15:37	LRB	353.2
Total Suspended Solids	12	mg/L	4	1	03/18/19 15:01	RQE	2540D-2011
Total Kjeldahl Nitrogen	4.51	mg/L	0.500	1	03/15/19 15:06	LRB	351.2
Phosphorus	2.45	mg/L	0.500	1	03/15/19 16:16	LRB	365.4
Total Nitrogen	6.50	mg/L	0.100	1	03/15/19 15:06	ELK	CALCULATION~

**Qualifiers/
Definitions**

DF
MQL

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 03/20/2019
Received : 03/13/2019

Report Number : 19-072-0230

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 74940
Sample ID : Lagoon (Influent)

Matrix: Aqueous
Sampled: 3/13/2019 10:00

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	15.5	mg/L	0.101	1	03/20/19 10:40	DAK	4500NH3D-2011
Biochemical Oxygen Demand	75	mg/L	30	1	03/14/19 12:53	SNC	5210B-2011
Nitrate+Nitrite-N	<0.100	mg/L	0.100	1	03/18/19 15:38	LRB	353.2
Total Suspended Solids	80	mg/L	8	1	03/18/19 15:01	RQE	2540D-2011
Total Kjeldahl Nitrogen	26.6	mg/L	0.500	1	03/15/19 15:07	LRB	351.2
Phosphorus	3.28	mg/L	0.500	1	03/15/19 16:17	LRB	365.4
Total Nitrogen	26.6	mg/L	0.100	1	03/15/19 15:07	ELK	CALCULATION~

**Qualifiers/
Definitions**

DF
ML

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Analytical Batch: G149045
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU
 Associated Lab Samples: 74939, 74940

Parameter	Units	Blank Result	ML	Analyzed
Total Suspended Solids	mg/L	2	2	03/18/19 15:01

Duplicate G 74947-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	20	20	0.0	10	03/18/19 15:01

Date: 03/20/2019 04:52 PM

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CONFIDENTIAL

MDOC-Amos 004385



235 Highpoint Drive, Ridgeland, MS 39157
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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Prep: G148999 **QC Analytical Batch(es):** G149010,G149011
QC Prep Batch Method: TKN/TKP Digestion **Analysis Method:** 351.2
Analysis Description: TKN-Automated

Lab Reagent Blank LRB-G148999 Matrix: AQU
Associated Lab Samples: 74939, 74940

Parameter	Units	Blank Result	MQL	Analyzed
Total Kjeldahl Nitrogen	mg/L	< 0.500	0.500	03/15/19 15:03

Laboratory Control Sample LCS-G148999

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Kjeldahl Nitrogen	mg/L	20.0	20.8	104	80-120

Matrix Spike & Matrix Spike Duplicate G 74945-MS-G148999 G 74945-MSD-G148999

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Kjeldahl Nitrogen	mg/L	1.34	20.0	20.0	23.8	23.7	112	112	70-130	0.4	20.0

Date: 03/20/2019 04:52 PM

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CONFIDENTIAL

MDOC-Amos 004386



235 Highpoint Drive, Ridgeland, MS 39157
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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Prep:	G149027	QC Analytical Batch(es):	G149041
QC Prep Batch Method:	EPA-353.2 (PREP)	Analysis Method:	353.2
		Analysis Description:	Nitrate + Nitrite Nitrogen

Matrix Spike & Matrix Spike Duplicate G 74893-MS-G149027 G 74893-MSD-G149027

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Nitrate+Nitrite-N	mg/L	0.303	1.01		1.33	1.38	102	3.6	70-130	3.6	30.0

Date: 03/20/2019 04:52 PM

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MDOC-Amos 004387



235 Highpoint Drive, Ridgeland, MS 39157
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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Prep:	G148999	QC Analytical Batch(es):	G149010,G149011
QC Prep Batch Method:	TKN/TKP Digestion	Analysis Method:	365.4
		Analysis Description:	Total Phosphorus

Lab Reagent Blank LRB-G148999 Matrix: AQU
Associated Lab Samples: 74939, 74940

Parameter	Units	Blank Result	MQL	Analyzed
Phosphorus	mg/L	< 0.500	0.500	03/15/19 16:13

Laboratory Control Sample LCS-G148999

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Phosphorus	mg/L	4.00	4.00	100	80-120

Matrix Spike & Matrix Spike Duplicate G 74945-MS-G148999 G 74945-MSD-G148999

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Phosphorus	mg/L	< 0.500	4.00	4.00	3.76	3.72	94.0	93.0	70-130	1.0	20.0

Date: 03/20/2019 04:52 PM

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MDOC-Amos 004388



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Analytical Batch: G149054
Analysis Method: 4500NH3D-2011
Analysis Description: Ammonia Nitrogen (ISE)

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 74939, 74940

Parameter	Units	Blank Result	MQL	Analyzed
Ammonia Nitrogen	mg/L	< 0.100	0.100	03/20/19 10:40

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Ammonia Nitrogen	mg/L	5.00	4.90	98.0	90-110

Matrix Spike & Matrix Spike Duplicate G 74949-MS G 74949-MSD

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Ammonia Nitrogen	mg/L	0.148	5.00	5.00	5.11	5.19	99.2	101	70-130	1.5	20.0

Date: 03/20/2019 04:52 PM

Page 5 of 6

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MDOC-Amos 004389



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-072-0230

QC Analytical Batch: G148991
Analysis Method: 5210B-2011
Analysis Description: Biochemical Oxygen Demand (BOD)

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Biochemical Oxygen Demand	mg/L	198	210	106	85-115

Duplicate G 74944-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Biochemical Oxygen Demand	mg/L	87	105	18.7	30	03/14/19 08:48

Date: 03/20/2019 04:52 PM

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Page 10 of 12

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MDOC-Amos 004390



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Cooler Receipt Form

Customer Number: 01203

Customer Name: Mr. Keith Christopher

Report Number: 19-072-0230

Shipping Method

☐ Fed Ex☐ US Postal☒ Lab☐ Other :☐ UPS☐ Client☐ Courier

Thermometer ID: IR Gun #2

Shipping container/cooler uncompromised? ☒ Yes ☐ No

Number of coolers received 1

Custody seals intact on shipping container/cooler? ☐ Yes ☐ No ☒ Not RequiredCustody seals intact on sample bottles? ☐ Yes ☐ No ☒ Not RequiredChain of Custody (COC) present? ☒ Yes ☐ NoCOC agrees with sample label(s)? ☒ Yes ☐ NoCOC properly completed ☒ Yes ☐ NoSamples in proper containers? ☒ Yes ☐ NoSample containers intact? ☒ Yes ☐ NoSufficient sample volume for indicated test(s)? ☒ Yes ☐ NoAll samples received within holding time? ☒ Yes ☐ NoCooler temperature in compliance? ☒ Yes ☐ NoCooler/Samples arrived at the laboratory on ice. ☒ Yes ☐ No
Samples were considered acceptable as cooling process had begun.Water - Sample containers properly preserved ☒ Yes ☐ No ☐ N/AWater - VOA vials free of headspace ☐ Yes ☐ No ☒ N/ATrip Blanks received with VOAs ☐ Yes ☐ No ☒ N/ASoil VOA method 5035 - compliance criteria met ☐ Yes ☐ No ☒ N/A☐ High concentration container (48 hr)☐ Low concentration EnCore samplers (48 hr)☐ High concentration pre-weighed (methanol -14 d)☐ Low conc pre-weighed vials (Sod Bis -14 d)Special precautions or instructions included? ☐ Yes ☒ No

Comments:

Signature: Karen Denney

Date & Time: 03/13/2019 16:33:05

Waypoint
ANALYTICAL



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Kit ID:	0000102800
Initiated By:	Fallon Lockley
Initiated Date:	9/7/2018
Project Comment	

CHAIN-OF-CUSTODY

Lab Sampling Event



Mr. Keith Christopher
Analytical Testing

19-072-0230
01203
03-13-2019
16:32:57

Company Name		Company Number		Client Project Manager/Contact		Purchase Order Number		
Mr. Keith Christopher		01203		Mr. Keith Christopher				
Site Name		Project Number		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed		Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other		
Analytical Testing								
LIMS Project ID		Project Manager Phone #		Project Manager Email		Site/Facility ID #		
Parchman				Keith.Christopher@inframark.com				
Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
3/13/19	10:00	Lagoon #1	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
3/13/19	10:00	Lagoon #1	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P
3/13/19	10:00	Lagoon #1 Infl.	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
3/13/19	10:00	Lagoon #1 Infl.	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Keith Christopher					
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)		3-13-19 1230		3-13-19 1230	
			Relinquished by: (SIGNATURE)		3-13-19 1620	Karen Denny	03-13-19 16:20	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date Time	Received by: (SIGNATURE)	Date Time	
29°C								



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7/5/2019

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS, 38732

Ref: Analytical Testing
Lab Report Number: 19-178-0231
Client Project Description: Analytical Testing
Parchman

Dear Mr. Keith Christopher:
Waypoint Analytical Mississippi, Inc. received sample(s) on 6/27/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "BH", written over a horizontal line.

Brian Herrington
Technical Director

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





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Sample Summary Table

Report Number: 19-178-0231
Client Project Description: Analytical Testing
Parchman

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
80259	Influent	Aqueous	06/27/2019 09:50	06/27/2019
80260	Effluent	Aqueous	06/27/2019 09:50	06/27/2019



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Client: Mr. Keith Christopher
Project: Analytical Testing
Lab Report Number: 19-178-0231
Date: 7/5/2019

CASE NARRATIVE

Nitrate + Nitrite Nitrogen Method 353.2

Analyte: Nitrate+Nitrite N

QC Batch No: G150628/G150619

This target analyte was biased low in the matrix spike. The LCS was within acceptable limits, so the result reported may have been affected by matrix interference.

Biochemical Oxygen Demand (BOD) Method 5210B-2011

QC Batch No: G150614

The BOD glucose-glutamic acid (GGA) check standard did not meet the criteria established by the reference method. The acceptance range provided in the reference method is 167.5 - 228.5 mg/L. The GGA result obtained for this analytical batch was 233.5 mg/L.

QC Batch No: G150614

The dissolved oxygen (DO) depletion for the dilution water blank exceeded the 0.20 mg/L limit allowed by the reference method. For this analytical batch, the dilution water blank depleted 0.44 mg/L. While the reference method requires that sample results associated with any dilution water blank above 0.20 mg/L must be flagged, an exceedance at this level would not have a significant impact upon the calculated result. The reported result is considered to be a valid result.



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 07/05/2019
Received : 06/27/2019

Report Number : 19-178-0231

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 80259

Matrix: Aqueous

Sample ID : Influent

Sampled: 6/27/2019 9:50

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	13.2	mg/L	0.101	1	07/03/19 09:00	DAK	4500NH3D-2011
Biochemical Oxygen Demand	95	mg/L	30	1	06/28/19 08:10	SNC	5210B-2011
Nitrate+Nitrite-N	51.8	mg/L	1.00	10	07/01/19 15:05	SNC	353.2
Total Suspended Solids	76	mg/L	4	1	07/02/19 10:03	RQE	2540D-2011
Total Kjeldahl Nitrogen	15.9	mg/L	0.500	1	06/28/19 16:02	SNC	351.2
Phosphorus	3.13	mg/L	0.500	1	06/28/19 14:59	SNC	365.4
Total Nitrogen	67.7	mg/L	0.500	1	06/28/19 16:02		CALCULATION~

**Qualifiers/
Definitions**

DF
MQL

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 07/05/2019
Received : 06/27/2019

Report Number : 19-178-0231

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 80260
Sample ID : Effluent

Matrix: Aqueous
Sampled: 6/27/2019 9:50

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	1.08	mg/L	0.101	1	07/03/19 09:00	DAK	4500NH3D-2011
Biochemical Oxygen Demand	11	mg/L	6	1	06/28/19 08:10	SNC	5210B-2011
Nitrate+Nitrite-N	<0.100	mg/L	0.100	1	07/01/19 14:41	SNC	353.2
Total Suspended Solids	16	mg/L	2	1	07/02/19 10:03	RQE	2540D-2011
Total Kjeldahl Nitrogen	12.5	mg/L	0.500	1	06/28/19 16:04	SNC	351.2
Phosphorus	3.19	mg/L	0.500	1	06/28/19 15:02	SNC	365.4
Fecal Coliform	185	MPN/100mL	1.0	1	06/27/19 14:10	DAK	Colilert-18 ~
Total Nitrogen	12.5	mg/L	0.100	1	06/28/19 16:04		CALCULATION~

**Qualifiers/
Definitions**

DF
MQL

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Analytical Batch: G150644
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU
 Associated Lab Samples: 80259, 80260

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	07/02/19 10:03

Duplicate G 80276-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	< 2	< 2	0.0	10	07/02/19 10:03

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004398



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Prep:	G150597	QC Analytical Batch(es):	G150606,G150607
QC Prep Batch Method:	TKN/TKP Digestion	Analysis Method:	351.2
		Analysis Description:	TKN-Automated

Lab Reagent Blank LRB-G150597 Matrix: AQU
Associated Lab Samples: 80259, 80260

Parameter	Units	Blank Result	MQL	Analyzed
Total Kjeldahl Nitrogen	mg/L	< 0.500	0.500	06/28/19 15:52

Laboratory Control Sample LCS-G150597

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Kjeldahl Nitrogen	mg/L	20.0	20.0	100	90-110

Matrix Spike & Matrix Spike Duplicate G 80156-MS-G150597 G 80156-MSD-G150597

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Kjeldahl Nitrogen	mg/L	0.976	20.0	20.0	21.8	22.2	104	106	90-110	1.8	20.0

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004399



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Prep:	G150619	QC Analytical Batch(es):	G150628
QC Prep Batch Method:	EPA-353.2 (PREP)	Analysis Method:	353.2
		Analysis Description:	Nitrate + Nitrite Nitrogen

Matrix Spike & Matrix Spike Duplicate G 80251-MS-G150619 G 80251-MSD-G150619

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Nitrate+Nitrite-N	mg/L	48.8	1.01		48.4	48.7	-38*	0.6	70-130	0.6	30.0

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004400



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Prep: G150597	QC Analytical Batch(es): G150606,G150607
QC Prep Batch Method: TKN/TKP Digestion	Analysis Method: 365.4
	Analysis Description: Total Phosphorus

Lab Reagent Blank LRB-G150597 Matrix: AQU
Associated Lab Samples: 80259, 80260

Parameter	Units	Blank Result	MQL	Analyzed
Phosphorus	mg/L	< 0.500	0.500	06/28/19 14:52

Laboratory Control Sample LCS-G150597

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Phosphorus	mg/L	4.00	4.29	107	80-120

Matrix Spike & Matrix Spike Duplicate G 80156-MS-G150597 G 80156-MSD-G150597

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Phosphorus	mg/L	2.33	4.00	4.00	6.27	6.28	98.5	98.7	70-130	0.1	20.0

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004401



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Analytical Batch: G150663
Analysis Method: 4500NH3D-2011
Analysis Description: Ammonia Nitrogen (ISE)

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 80259, 80260

Parameter	Units	Blank Result	MQL	Analyzed
Ammonia Nitrogen	mg/L	< 0.100	0.100	07/03/19 09:00

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Ammonia Nitrogen	mg/L	5.00	4.98	99.6	90-110

Matrix Spike & Matrix Spike Duplicate G 80355-MS G 80355-MSD

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Ammonia Nitrogen	mg/L	< 0.100	5.00	5.00	4.88	4.94	97.6	98.8	70-130	1.2	20.0

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004402



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Analytical Batch: G150614
Analysis Method: 5210B-2011
Analysis Description: Biochemical Oxygen Demand (BOD)

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Biochemical Oxygen Demand	mg/L	198	233	118*	85-115

Duplicate G 80257-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Biochemical Oxygen Demand	mg/L	151	120	22.8	30	06/28/19 08:10

* QC Fail

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004403



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-178-0231

QC Analytical Batch: G150591
Analysis Method: Colilert-18
Analysis Description: Fecal Coliform

Negative Control NC

Parameter	Units	NC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Negative	Negative	06/27/19 14:10

Positive Control PC

Parameter	Units	PC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Positive	Positive	06/27/19 14:10

Date: 07/05/2019 01:34 PM

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MDOC-Amos 004404



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Cooler Receipt Form

Customer Number: 01203

Customer Name: Mr. Keith Christopher

Report Number: 19-178-0231

Shipping Method

☐ Fed Ex☐ US Postal☒ Lab☐ Other :☐ UPS☐ Client☐ Courier

Thermometer ID: IR Gun #2

Shipping container/cooler uncompromised? ☒ Yes ☐ No

Number of coolers received

1

Custody seals intact on shipping container/cooler? ☐ Yes ☐ No ☒ Not RequiredCustody seals intact on sample bottles? ☐ Yes ☐ No ☒ Not RequiredChain of Custody (COC) present? ☒ Yes ☐ NoCOC agrees with sample label(s)? ☒ Yes ☐ NoCOC properly completed ☒ Yes ☐ NoSamples in proper containers? ☒ Yes ☐ NoSample containers intact? ☒ Yes ☐ NoSufficient sample volume for indicated test(s)? ☒ Yes ☐ NoAll samples received within holding time? ☒ Yes ☐ NoCooler temperature in compliance? ☒ Yes ☐ NoCooler/Samples arrived at the laboratory on ice. ☒ Yes ☐ No
Samples were considered acceptable as cooling process had begun.Water - Sample containers properly preserved ☒ Yes ☐ No ☐ N/AWater - VOA vials free of headspace ☐ Yes ☐ No ☒ N/ATrip Blanks received with VOAs ☐ Yes ☐ No ☒ N/ASoil VOA method 5035 – compliance criteria met ☐ Yes ☐ No ☒ N/A☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)Special precautions or instructions included? ☐ Yes ☒ No

Comments:

Signature: Lindsey Bonnette

Date & Time: 06/27/2019 13:17:14

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Kit ID:	0000102800
Initiated By:	Fallon Lockley
Initiated Date:	9/7/2018
Project Comment	

CHAIN-OF-CUSTODY



Mr. Keith Christopher
Analytical Testing

19-178-0231
01203
06-27-2019
13 16 50

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Mr. Keith Christopher		01203		Mr. Keith Christopher					
Site Name		Project Number		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed			Method of Shipment		
Analytical Testing							<input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other		
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Parchman				Keith.Christopher@inframark.com					
Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses	
6/27	9:50	Lagoon #1 Inf.	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS	
6/27	9:50	Lagoon #1 Inf.	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P	
OK 6/27	9:50	Lagoon #2 Eff.	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS	
OK 6/27	9:50	Lagoon #2 Eff.	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P	

6/27 | 9:50 Fecal Eff.

2

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Keith Christopher				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp							
5.1°C							



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10/7/2019

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS, 38732

Ref: Analytical Testing
Lab Report Number: 19-270-0026
Client Project Description: Analytical Testing
Parchman

Dear Mr. Keith Christopher:
Waypoint Analytical Mississippi, Inc. received sample(s) on 9/27/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "BH", written over a horizontal line.

Brian Herrington
Technical Director

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

LELAP Accreditation #04023 Ridgeland, MS
LELAP Accreditation #04015 Memphis, TN
LELAP Accreditation #02041 Marrero, LA





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Sample Summary Table

Report Number: 19-270-0026
Client Project Description: Analytical Testing
Parchman

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
62139	Influent	Aqueous	09/27/2019 08:15	09/27/2019
62140	Effluent	Aqueous	09/27/2019 08:30	09/27/2019



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Client: Mr. Keith Christopher
Project: Analytical Testing
Lab Report Number: 19-270-0026
Date: 10/7/2019

CASE NARRATIVE

TKN-Automated Method 351.2

Analyte: Total Kjeldahl Nitrogen
QC Batch No: G152030/G152005

This target analyte was biased high in the matrix spike. The LCS was within acceptable limits, so the result reported may have been affected by matrix interference.



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 10/07/2019
Received : 09/27/2019

Report Number : **19-270-0026**

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : **62139**
Sample ID : **Influent**

Matrix: **Aqueous**
Sampled: **9/27/2019 8:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	17.1	mg/L	0.101	1	10/02/19 08:50	DAK	4500NH3D-2011
Biochemical Oxygen Demand	44	mg/L	30	1	09/27/19 16:00	JAM	5210B-2011
Nitrate+Nitrite-N	<0.100	mg/L	0.100	1	09/30/19 14:05	SNC	353.2
Total Suspended Solids	120	mg/L	8	1	10/02/19 08:50	RQE	2540D-2011
Total Kjeldahl Nitrogen	25.5	mg/L	0.500	1	10/07/19 10:39	SNC	351.2
Phosphorus	3.60	mg/L	0.500	1	10/07/19 09:49	SNC	365.4
Total Nitrogen	25.5	mg/L	0.100	1	09/30/19 14:05		CALCULATION~

**Qualifiers/
Definitions**

DF
MQL

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 10/07/2019
Received : 09/27/2019

Report Number : 19-270-0026

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 62140
Sample ID : Effluent

Matrix: Aqueous
Sampled: 9/27/2019 8:30

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	4.87	mg/L	0.101	1	10/02/19 08:50	DAK	4500NH3D-2011
Biochemical Oxygen Demand	7	mg/L	6	1	09/27/19 16:00	JAM	5210B-2011
Nitrate+Nitrite-N	0.408	mg/L	0.100	1	09/30/19 14:10	SNC	353.2
Total Suspended Solids	16	mg/L	4	1	10/02/19 08:50	RQE	2540D-2011
Total Kjeldahl Nitrogen	7.01	mg/L	0.500	1	10/07/19 10:40	SNC	351.2
Phosphorus	3.75	mg/L	0.500	1	10/07/19 09:50	SNC	365.4
Fecal Coliform	1730	MPN/100mL	1.0	1	09/27/19 15:30	DAK	Colilert-18
Total Nitrogen	7.42	mg/L	0.100	1	09/30/19 14:10		CALCULATION~

**Qualifiers/
Definitions**

DF
MQL

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Analytical Batch: G151987
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU
 Associated Lab Samples: 62139, 62140

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	2	2	10/02/19 08:50

Duplicate G 62173-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	4	4	0.0	10	10/02/19 08:50

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Prep: G152005 **QC Analytical Batch(es):** G152030,G152031
QC Prep Batch Method: TKN/TKP Digestion **Analysis Method:** 351.2
Analysis Description: TKN-Automated

Lab Reagent Blank LRB-G152005 Matrix: AQU
Associated Lab Samples: 62139, 62140

Parameter	Units	Blank Result	MQL	Analyzed
Total Kjeldahl Nitrogen	mg/L	< 0.500	0.500	10/04/19 15:17

Laboratory Control Sample LCS-G152005

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Kjeldahl Nitrogen	mg/L	20.0	18.9	94.5	90-110

Matrix Spike & Matrix Spike Duplicate G 62173-MS-G152005 G 62173-MSD-G152005

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Kjeldahl Nitrogen	mg/L	0.528	20.0	20.0	24.9	25.2	122*	123*	90-110	1.1	20.0

* QC Fail

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Prep:	G151945	QC Analytical Batch(es):	G151953
QC Prep Batch Method:	EPA-353.2 (PREP)	Analysis Method:	353.2
		Analysis Description:	Nitrate + Nitrite Nitrogen

Matrix Spike & Matrix Spike Duplicate G 62139-MS-G151945 G 62139-MSD-G151945

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Nitrate+Nitrite-N	mg/L	< 0.100	1.01		1.06	0.912	105	15.0	70-130	15.0	30.0

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Prep:	G152005	QC Analytical Batch(es):	G152030,G152031
QC Prep Batch Method:	TKN/TKP Digestion	Analysis Method:	365.4
		Analysis Description:	Total Phosphorus

Lab Reagent Blank LRB-G152005 Matrix: AQU
Associated Lab Samples: 62139, 62140

Parameter	Units	Blank Result	MQL	Analyzed
Phosphorus	mg/L	< 0.500	0.500	10/07/19 09:43

Laboratory Control Sample LCS-G152005

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Phosphorus	mg/L	4.00	4.07	102	80-120

Matrix Spike & Matrix Spike Duplicate G 62173-MS-G152005 G 62173-MSD-G152005

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Phosphorus	mg/L	5.71	4.00	4.00	9.68	9.63	99.2	98.0	70-130	0.5	20.0

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Analytical Batch: G151983
Analysis Method: 4500NH3D-2011
Analysis Description: Ammonia Nitrogen (ISE)

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 62139, 62140

Parameter	Units	Blank Result	MQL	Analyzed
Ammonia Nitrogen	mg/L	< 0.100	0.100	10/02/19 08:50

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Ammonia Nitrogen	mg/L	5.00	5.07	101	90-110

Matrix Spike & Matrix Spike Duplicate G 62264-MS G 62264-MSD

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Ammonia Nitrogen	mg/L	< 0.101	5.00	5.00	4.88	4.96	97.6	99.2	70-130	1.6	20.0

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Analytical Batch: G151940
Analysis Method: 5210B-2011
Analysis Description: Biochemical Oxygen Demand (BOD)

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Biochemical Oxygen Demand	mg/L	198	206	104	85-115

Duplicate G 62136-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Biochemical Oxygen Demand	mg/L	11	11	0.0	30	09/27/19 13:15

Date: 10/07/2019 11:29 AM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-270-0026

QC Analytical Batch: G151939
Analysis Method: Colilert-18
Analysis Description: Fecal Coliform

Negative Control NC

Parameter	Units	NC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Negative	Negative	09/27/19 15:30

Positive Control PC

Parameter	Units	PC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Positive	Positive	09/27/19 15:30

Date: 10/07/2019 11:29 AM

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Cooler Receipt Form

Customer Number: 01203

Customer Name: Mr. Keith Christopher

Report Number: 19-270-0026

Shipping Method

☐ Fed Ex☐ US Postal☒ Lab☐ Other :☐ UPS☐ Client☐ Courier

Thermometer ID: IR Gun #2

Shipping container/cooler uncompromised? ☒ Yes ☐ No

Number of coolers received 1

Custody seals intact on shipping container/cooler? ☐ Yes ☐ No ☒ Not RequiredCustody seals intact on sample bottles? ☐ Yes ☐ No ☒ Not RequiredChain of Custody (COC) present? ☒ Yes ☐ NoCOC agrees with sample label(s)? ☒ Yes ☐ NoCOC properly completed ☒ Yes ☐ NoSamples in proper containers? ☒ Yes ☐ NoSample containers intact? ☒ Yes ☐ NoSufficient sample volume for indicated test(s)? ☒ Yes ☐ NoAll samples received within holding time? ☒ Yes ☐ NoCooler temperature in compliance? ☒ Yes ☐ NoCooler/Samples arrived at the laboratory on ice. ☒ Yes ☐ No
Samples were considered acceptable as cooling process had begun.Water - Sample containers properly preserved ☒ Yes ☐ No ☐ N/AWater - VOA vials free of headspace ☐ Yes ☐ No ☒ N/ATrip Blanks received with VOAs ☐ Yes ☐ No ☒ N/ASoil VOA method 5035 – compliance criteria met ☐ Yes ☐ No ☒ N/A☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)Special precautions or instructions included? ☐ Yes ☒ No

Comments:

Signature: Lindsey Bonnette

Date & Time: 09/27/2019 15:01:38



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Kit ID:	0000124447
Initiated By:	Fallon Lockley
Initiated Date:	9/23/2019
Project Comment	

CHAIN-OF-CUSTODY

 Mr. Keith Christopher Analytical Testing	19-270-0026
	01203
	09-27-2019
	15:01:23

Company Name		Company Number		Client Project Manager/Contact		Purchase Order Number	
Mr. Keith Christopher		01203		Mr. Keith Christopher			
Site Name		Project Number		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed		Method of Shipment	
Analytical Testing						<input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other	
LIMS Project ID		Project Manager Phone #		Project Manager Email		Site/Facility ID #	
Parchman				Keith.Christopher@inframark.com			

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
9/27	8:15	Influent	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
9/27	8:15	Influent	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P
9/27	8:30	Effluent	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
9/27	8:30	Effluent	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P
9/27	8:30	Effluent	Aqueous	G	2	Plastic - 125ml Sterile	Na2S2O3 - Sodium Thiosulfate	Fecal

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody	Lab Comments	Keith Christopher						
Y/N	Seals		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
3.3°C									



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12/26/2019

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS, 38732

Ref: Analytical Testing
Lab Report Number: 19-351-0048
Client Project Description: Analytical Testing
Parchman

Dear Mr. Keith Christopher:
Waypoint Analytical Mississippi, Inc. received sample(s) on 12/17/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule August 2017) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in dark ink, appearing to read "BH", written over a light blue horizontal line.

Brian Herrington
Technical Director

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

LELAP Accreditation #04023 Ridgeland, MS
LELAP Accreditation #04015 Memphis, TN
LELAP Accreditation #02041 Marrero, LA





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Sample Summary Table

Report Number: 19-351-0048
Client Project Description: Analytical Testing
Parchman

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
66290	Influent	Aqueous	12/17/2019 10:20	12/17/2019
66291	Effluent	Aqueous	12/17/2019 10:20	12/17/2019



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Client: Mr. Keith Christopher
Project: Analytical Testing
Lab Report Number: 19-351-0048
Date: 12/26/2019

CASE NARRATIVE

TKN-Automated Method 351.2

Analyte: Total Kjeldahl Nitrogen

QC Batch No: G153158/G153145

This target analyte was biased high in the matrix spike. The LCS was within acceptable limits, so the result reported may have been affected by matrix interference.

Total Suspended Solids Method 2540D-2011

QC Batch No: G153227

Relative percent difference (RPD) for the duplicate analysis was outside of the allowable quality control limits due to sample matrix. The data is considered to be acceptable.

Biochemical Oxygen Demand (BOD) Method 5210B-2011

Sample 66290 (Influent)

QC Batch No: G153185

Based on analyst observation and the history of the sample, dilutions of 15, 30, and 60 times were made. The sample was over diluted, producing an elevated detection limit of 30 mg/L; therefore, a value of < 30 mg/L has been reported.



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 12/26/2019
Received : 12/17/2019

Report Number : 19-351-0048

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 66290

Sample ID : Influent

Matrix: Aqueous
Sampled: 12/17/2019 10:20

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	1.70	mg/L	0.101	1	12/20/19 10:25	DAK	4500NH3D-2011
Biochemical Oxygen Demand	<30	mg/L	30	1	12/19/19 08:20	JAM	5210B-2011
Nitrate+Nitrite-N	0.312	mg/L	0.100	1	12/20/19 15:04	SNC	353.2
Total Suspended Solids	18	mg/L	2	1	12/23/19 09:10	RQE	2540D-2011
Total Kjeldahl Nitrogen	2.92	mg/L	0.500	1	12/18/19 14:06	SNC	351.2
Phosphorus	0.841	mg/L	0.500	1	12/18/19 15:01	SNC	365.4
Total Nitrogen	3.23	mg/L	0.100	1	12/18/19 14:06		CALCULATION~

**Qualifiers/
Definitions**

DF
ML

Dilution Factor
Method Quantitation Limit

L

Limit Exceeded



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01203

Mr. Keith Christopher
Mr. Keith Christopher
25 Gaston Drive
Cleveland, MS 38732

Project Analytical Testing
Information : Parchman

Report Date : 12/26/2019
Received : 12/17/2019

Report Number : 19-351-0048

REPORT OF ANALYSIS

Brian Herrington
Technical Director

Lab No : 66291
Sample ID : Effluent

Matrix: Aqueous
Sampled: 12/17/2019 10:20

Test	Results	Units	ML	DF	Date / Time Analyzed	By	Analytical Method
Ammonia Nitrogen	0.444	mg/L	0.101	1	12/20/19 10:25	DAK	4500NH3D-2011
Biochemical Oxygen Demand	23	mg/L	6	1	12/19/19 08:20	JAM	5210B-2011
Nitrate+Nitrite-N	1.42	mg/L	0.100	1	12/20/19 15:05	SNC	353.2
Total Suspended Solids	64	mg/L	4	1	12/23/19 09:10	RQE	2540D-2011
Total Kjeldahl Nitrogen	5.58	mg/L	0.500	1	12/18/19 14:07	SNC	351.2
Phosphorus	2.06	mg/L	0.500	1	12/18/19 15:03	SNC	365.4
Fecal Coliform	1730	MPN/100mL	1.0	1	12/17/19 17:09	DAK	Colilert-18
Total Nitrogen	7.00	mg/L	0.100	1	12/18/19 14:07		CALCULATION~

Qualifiers/
Definitions

DF Dilution Factor
ML Method Quantitation Limit

L Limit Exceeded



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Analytical Batch: G153227
Analysis Method: 2540D-2011
Analysis Description: Total Suspended Solids

Lab Reagent Blank LRB Matrix: AQU
 Associated Lab Samples: 66290, 66291

Parameter	Units	Blank Result	MQL	Analyzed
Total Suspended Solids	mg/L	< 2	2	12/23/19 09:10

Duplicate G 66286-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Suspended Solids	mg/L	30	36	18.1*	10	12/23/19 09:10

* QC Fail

Date: 12/26/2019 03:51 PM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Prep:	G153145	QC Analytical Batch(es):	G153158,G153159
QC Prep Batch Method:	TKN/TKP Digestion	Analysis Method:	351.2
		Analysis Description:	TKN-Automated

Lab Reagent Blank LRB-G153145 Matrix: AQU
Associated Lab Samples: 66290, 66291

Parameter	Units	Blank Result	MQL	Analyzed
Total Kjeldahl Nitrogen	mg/L	< 0.500	0.500	12/18/19 13:49

Laboratory Control Sample LCS-G153145

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Kjeldahl Nitrogen	mg/L	20.0	22.0	110	90-110

Matrix Spike & Matrix Spike Duplicate G 66219-MS-G153145 G 66219-MSD-G153145

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Total Kjeldahl Nitrogen	mg/L	0.973	20.0	20.0	22.7	24.4	109	117*	90-110	7.2	20.0

* QC Fail

Date: 12/26/2019 03:51 PM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Prep:	G153196	QC Analytical Batch(es):	G153207
QC Prep Batch Method:	EPA-353.2 (PREP)	Analysis Method:	353.2
		Analysis Description:	Nitrate + Nitrite Nitrogen

Matrix Spike & Matrix Spike Duplicate G 66332-MS-G153196 G 66332-MSD-G153196

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Nitrate+Nitrite-N	mg/L	0.568	1.01		1.60	1.55	103	3.1	70-130	3.1	30.0

Date: 12/26/2019 03:51 PM

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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Prep: G153145 **QC Analytical Batch(es):** G153158,G153159
QC Prep Batch Method: TKN/TKP Digestion **Analysis Method:** 365.4
Analysis Description: Total Phosphorus

Lab Reagent Blank LRB-G153145 Matrix: AQU
Associated Lab Samples: 66290, 66291

Parameter	Units	Blank Result	MQL	Analyzed
Phosphorus	mg/L	< 0.500	0.500	12/18/19 14:42

Laboratory Control Sample LCS-G153145

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Phosphorus	mg/L	4.00	4.20	105	80-120

Matrix Spike & Matrix Spike Duplicate G 66219-MS-G153145 G 66219-MSD-G153145

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Phosphorus	mg/L	3.67	4.00	4.00	7.58	7.80	97.7	103	70-130	2.8	20.0

Date: 12/26/2019 03:51 PM

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CONFIDENTIAL

MDOC-Amos 004429



235 Highpoint Drive, Ridgeland, MS 39157
Main 601-957-2676 ° Fax 601-957-1887
www.waypointanalytical.com

Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Analytical Batch: G153202
Analysis Method: 4500NH3D-2011
Analysis Description: Ammonia Nitrogen (ISE)

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 66290, 66291

Parameter	Units	Blank Result	MQL	Analyzed
Ammonia Nitrogen	mg/L	< 0.100	0.100	12/20/19 10:25

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Ammonia Nitrogen	mg/L	5.00	5.10	102	90-110

Matrix Spike & Matrix Spike Duplicate G 66313-MS G 66313-MSD

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Ammonia Nitrogen	mg/L	< 0.101	5.00	5.00	4.98	5.03	99.6	101	70-130	0.9	20.0

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MDOC-Amos 004430



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Analytical Batch: G153185
Analysis Method: 5210B-2011
Analysis Description: Biochemical Oxygen Demand (BOD)

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Biochemical Oxygen Demand	mg/L	198	192	96.9	85-115

Duplicate G 66236-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Biochemical Oxygen Demand	mg/L	< 6	< 6	0.0	30	12/19/19 08:20

Date: 12/26/2019 03:51 PM

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MDOC-Amos 004431



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Quality Control Data

Client ID: Mr. Keith Christopher
Project Description: Analytical Testing
Report No: 19-351-0048

QC Analytical Batch: G153149
Analysis Method: Colilert-18
Analysis Description: Fecal Coliform

Negative Control NC

Parameter	Units	NC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Negative	Negative	12/17/19 14:42

Positive Control PC

Parameter	Units	PC Result	Pos-Neg	Analyzed
Fecal Coliform	PN/100mL	Positive	Positive	12/17/19 14:42

Date: 12/26/2019 03:51 PM

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CONFIDENTIAL

MDOC-Amos 004432



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Shipment Receipt Form

Customer Number: **01203**

Customer Name: **Mr. Keith Christopher**

Report Number: **19-351-0048**

Shipping Method

☐ Fed Ex

☐ US Postal

☒ Lab

☐ Other :

☐ UPS

☐ Client

☐ Courier

Thermometer ID: IR Gun #2

Shipping container/cooler uncompromised? ☒ Yes ☐ No

Number of coolers/boxes received 1

Custody seals intact on shipping container/cooler? ☐ Yes ☐ No ☒ Not Present

Custody seals intact on sample bottles? ☐ Yes ☐ No ☒ Not Present

Chain of Custody (COC) present? ☒ Yes ☐ No

COC agrees with sample label(s)? ☒ Yes ☐ No

COC properly completed ☒ Yes ☐ No

Samples in proper containers? ☒ Yes ☐ No

Sample containers intact? ☒ Yes ☐ No

Sufficient sample volume for indicated test(s)? ☒ Yes ☐ No

All samples received within holding time? ☒ Yes ☐ No

Cooler temperature in compliance? ☒ Yes ☐ No

Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun. ☒ Yes ☐ No

Water - Sample containers properly preserved ☒ Yes ☐ No ☐ N/A

Water - VOA vials free of headspace ☐ Yes ☐ No ☒ N/A

Trip Blanks received with VOAs ☐ Yes ☐ No ☒ N/A

Soil VOA method 5035 – compliance criteria met ☐ Yes ☐ No ☒ N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)

☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included? ☐ Yes ☒ No

Comments:

Signature: Karen Denney

Date & Time: 12/17/2019 17:04:04



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Kit ID:	0000124447
Initiated By:	Fallon Lockley
Initiated Date:	9/23/2019
Project Comment	

CHAIN-OF-CUSTODY



Company Name		Company Number		Client Project Manager/Contact		Purchase Order Number		
Mr. Keith Christopher		01203		Mr. Keith Christopher				
Site Name		Project Number		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limits(s) Date Results Needed		Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other		
Analytical Testing								
LIMS Project ID		Project Manager Phone #		Project Manager Email		Site/Facility ID #		
Parchman				Keith.Christopher@inframark.com				
Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
12/17		Influent	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
		Influent	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P
	1620	Effluent	Aqueous	G	1	Plastic - 500ml	NONE	BOD TSS
		Effluent	Aqueous	G	1	Plastic - 500ml	H2SO4 - Sulfuric Acid	NH3, Total N, Total P
		Effluent	Aqueous	G	2	Plastic - 125ml Sterile	Na2S2O3 - Sodium Thiosulfate	Fecal

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments		
Ice	Custody Seals	Lab Comments	Keith Christopher				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
Blank/Cooler Temp							
2.3°C							

11-2018 - 11-2018
All sample 6000

Drinking Water Branch

Coliform/Microbial Sample Results

Return
Links

Water
System
Search

County
Map

Glossary

Principal County Served	Water System No.	Water System Name	Type	Lab Sample No.	Collection Date & Time	Presence/ Absence Indicator	Analyte Code	Analyte Name	Monitoring Period Begin Date	Monitoring Period End Date
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72311	06-17- 2020 16:30:00	A	3100	COLIFORM (TCR)	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72311	06-17- 2020 16:30:00	A	3014	E. COLI	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72309	06-17- 2020 16:55:00	A	3100	COLIFORM (TCR)	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72309	06-17- 2020 16:55:00	A	3014	E. COLI	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72310	06-17- 2020 16:40:00	A	3100	COLIFORM (TCR)	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72310	06-17- 2020 16:40:00	A	3014	E. COLI	06-01-2020	06-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72314	05-26- 2020 13:10:00	A	3100	COLIFORM (TCR)	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72314	05-26- 2020 13:10:00	A	3014	E. COLI	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72312	05-26- 2020 13:35:00	A	3100	COLIFORM (TCR)	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72312	05-26- 2020 13:35:00	A	3014	E. COLI	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72313	05-26- 2020 13:25:00	A	3100	COLIFORM (TCR)	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72313	05-26- 2020 13:25:00	A	3014	E. COLI	05-01-2020	05-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72298	04-29- 2020 12:35:00	A	3100	COLIFORM (TCR)	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72298	04-29- 2020 12:35:00	A	3014	E. COLI	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72296	04-29- 2020 13:05:00	A	3100	COLIFORM (TCR)	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72296	04-29- 2020 13:05:00	A	3014	E. COLI	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72297	04-29- 2020 12:47:00	A	3100	COLIFORM (TCR)	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72297	04-29- 2020 12:47:00	A	3014	E. COLI	04-01-2020	04-30-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72301	03-25- 2020 12:30:00	A	3100	COLIFORM (TCR)	03-01-2020	03-31-2020

SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72301	03-25- 2020 12:30:00	A	3014	E. COLI	03-01-2020	03-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72299	03-25- 2020 12:55:00	A	3100	COLIFORM (TCR)	03-01-2020	03-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72299	03-25- 2020 12:55:00	A	3014	E. COLI	03-01-2020	03-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72300	03-25- 2020 12:40:00	A	3100	COLIFORM (TCR)	03-01-2020	03-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72300	03-25- 2020 12:40:00	A	3014	E. COLI	03-01-2020	03-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72304	02-19- 2020 15:30:00	A	3100	COLIFORM (TCR)	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72304	02-19- 2020 15:30:00	A	3014	E. COLI	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72302	02-19- 2020 16:10:00	A	3100	COLIFORM (TCR)	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72302	02-19- 2020 16:10:00	A	3014	E. COLI	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72303	02-19- 2020 15:40:00	A	3100	COLIFORM (TCR)	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72303	02-19- 2020 15:40:00	A	3014	E. COLI	02-01-2020	02-29-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72288	01-08- 2020 12:10:00	A	3100	COLIFORM (TCR)	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72288	01-08- 2020 12:10:00	A	3014	E. COLI	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72290	01-08- 2020 12:30:00	A	3100	COLIFORM (TCR)	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72290	01-08- 2020 12:30:00	A	3014	E. COLI	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72289	01-08- 2020 12:25:00	A	3100	COLIFORM (TCR)	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72289	01-08- 2020 12:25:00	A	3014	E. COLI	01-01-2020	01-31-2020
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72292	12-18- 2019 15:45:00	A	3100	COLIFORM (TCR)	12-01-2019	12-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72292	12-18- 2019 15:45:00	A	3014	E. COLI	12-01-2019	12-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72293	12-18- 2019 15:30:00	A	3100	COLIFORM (TCR)	12-01-2019	12-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72293	12-18- 2019 15:30:00	A	3014	E. COLI	12-01-2019	12-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72291	12-18- 2019 16:05:00	A	3100	COLIFORM (TCR)	12-01-2019	12-31-2019
SUNFLOWER	MS0670014		RT			A	3014	E. COLI	12-01-2019	12-31-2019

		MS STATE PENITENTIARY- MN LN		BACT- 191022- 72291	12-18- 2019 16:05:00					
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25209	11-25- 2019 12:25:00	A	3100	COLIFORM (TCR)	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25209	11-25- 2019 12:25:00	A	3014	E. COLI	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25210	11-25- 2019 12:40:00	A	3100	COLIFORM (TCR)	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25210	11-25- 2019 12:40:00	A	3014	E. COLI	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72294	11-25- 2019 13:10:00	A	3100	COLIFORM (TCR)	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 191022- 72294	11-25- 2019 13:10:00	A	3014	E. COLI	11-01-2019	11-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25206	10-29- 2019 14:35:00	A	3100	COLIFORM (TCR)	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25206	10-29- 2019 14:35:00	A	3014	E. COLI	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25208	10-29- 2019 13:45:00	A	3100	COLIFORM (TCR)	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25208	10-29- 2019 13:45:00	A	3014	E. COLI	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25207	10-29- 2019 14:00:00	A	3100	COLIFORM (TCR)	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25207	10-29- 2019 14:00:00	A	3014	E. COLI	10-01-2019	10-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25203	09-24- 2019 12:20:00	A	3100	COLIFORM (TCR)	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25203	09-24- 2019 12:20:00	A	3014	E. COLI	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25205	09-24- 2019 13:10:00	A	3100	COLIFORM (TCR)	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25205	09-24- 2019 13:10:00	A	3014	E. COLI	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25204	09-24- 2019 12:40:00	A	3100	COLIFORM (TCR)	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25204	09-24- 2019 12:40:00	A	3014	E. COLI	09-01-2019	09-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25200	08-21- 2019 09:00:00	A	3100	COLIFORM (TCR)	08-01-2019	08-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25200	08-21- 2019 09:00:00	A	3014	E. COLI	08-01-2019	08-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25202	08-21- 2019 09:50:00	A	3100	COLIFORM (TCR)	08-01-2019	08-31-2019
SUNFLOWER	MS0670014		RT			A	3014	E. COLI	08-01-2019	08-31-2019

		MS STATE PENITENTIARY- MN LN		BACT- 190511- 25202	08-21- 2019 09:50:00					
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25201	08-21- 2019 09:25:00	A	3100	COLIFORM (TCR)	08-01-2019	08-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25201	08-21- 2019 09:25:00	A	3014	E. COLI	08-01-2019	08-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25197	07-30- 2019 09:50:00	A	3100	COLIFORM (TCR)	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25197	07-30- 2019 09:50:00	A	3014	E. COLI	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25199	07-30- 2019 10:45:00	A	3100	COLIFORM (TCR)	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25199	07-30- 2019 10:45:00	A	3014	E. COLI	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25198	07-30- 2019 10:15:00	A	3100	COLIFORM (TCR)	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25198	07-30- 2019 10:15:00	A	3014	E. COLI	07-01-2019	07-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25191	06-19- 2019 13:00:00	A	3100	COLIFORM (TCR)	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25191	06-19- 2019 13:00:00	A	3014	E. COLI	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25193	06-19- 2019 13:45:00	A	3100	COLIFORM (TCR)	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25193	06-19- 2019 13:45:00	A	3014	E. COLI	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25192	06-19- 2019 13:25:00	A	3100	COLIFORM (TCR)	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	BACT- 190511- 25192	06-19- 2019 13:25:00	A	3014	E. COLI	06-01-2019	06-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1077519	05-28- 2019 14:25:00	A	3100	COLIFORM (TCR)	05-01-2019	05-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1077520	05-28- 2019 15:20:00	A	3100	COLIFORM (TCR)	05-01-2019	05-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1077522	05-28- 2019 14:50:00	A	3100	COLIFORM (TCR)	05-01-2019	05-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1071123	04-17- 2019 11:50:00	A	3100	COLIFORM (TCR)	04-01-2019	04-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1071163	04-17- 2019 11:25:00	A	3100	COLIFORM (TCR)	04-01-2019	04-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1071164	04-17- 2019 11:00:00	A	3100	COLIFORM (TCR)	04-01-2019	04-30-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1066810	03-27- 2019 13:15:00	A	3100	COLIFORM (TCR)	03-01-2019	03-31-2019
SUNFLOWER	MS0670014		RT	1066818		A	3100		03-01-2019	03-31-2019

		MS STATE PENITENTIARY- MN LN			03-27- 2019 12:20:00			COLIFORM (TCR)		
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1066819	03-27- 2019 12:40:00	A	3100	COLIFORM (TCR)	03-01-2019	03-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1056127	02-13- 2019 14:00:00	A	3100	COLIFORM (TCR)	02-01-2019	02-28-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1056128	02-13- 2019 13:37:00	A	3100	COLIFORM (TCR)	02-01-2019	02-28-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1056129	02-13- 2019 13:20:00	A	3100	COLIFORM (TCR)	02-01-2019	02-28-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1053021	01-30- 2019 13:45:00	A	3100	COLIFORM (TCR)	01-01-2019	01-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1053022	01-30- 2019 13:30:00	A	3100	COLIFORM (TCR)	01-01-2019	01-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1053023	01-30- 2019 13:10:00	A	3100	COLIFORM (TCR)	01-01-2019	01-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1053024	01-30- 2019 12:50:00	A	3100	COLIFORM (TCR)	01-01-2019	01-31-2019
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1046454	12-26- 2018 14:30:00	A	3100	COLIFORM (TCR)	12-01-2018	12-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1046455	12-26- 2018 14:50:00	A	3100	COLIFORM (TCR)	12-01-2018	12-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1046475	12-26- 2018 15:15:00	A	3100	COLIFORM (TCR)	12-01-2018	12-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1046476	12-26- 2018 15:30:00	A	3100	COLIFORM (TCR)	12-01-2018	12-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1039958	11-27- 2018 11:21:00	A	3100	COLIFORM (TCR)	11-01-2018	11-30-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1039959	11-27- 2018 10:50:00	A	3100	COLIFORM (TCR)	11-01-2018	11-30-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1039972	11-27- 2018 12:05:00	A	3100	COLIFORM (TCR)	11-01-2018	11-30-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1039973	11-27- 2018 11:40:00	A	3100	COLIFORM (TCR)	11-01-2018	11-30-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1030633	10-10- 2018 12:37:00	A	3100	COLIFORM (TCR)	10-01-2018	10-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1030634	10-10- 2018 12:27:00	A	3100	COLIFORM (TCR)	10-01-2018	10-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1030635	10-10- 2018 12:05:00	A	3100	COLIFORM (TCR)	10-01-2018	10-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1030636	10-10- 2018 12:20:00	A	3100	COLIFORM (TCR)	10-01-2018	10-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1026561	09-19- 2018 11:15:00	A	3100	COLIFORM (TCR)	09-01-2018	09-30-2018
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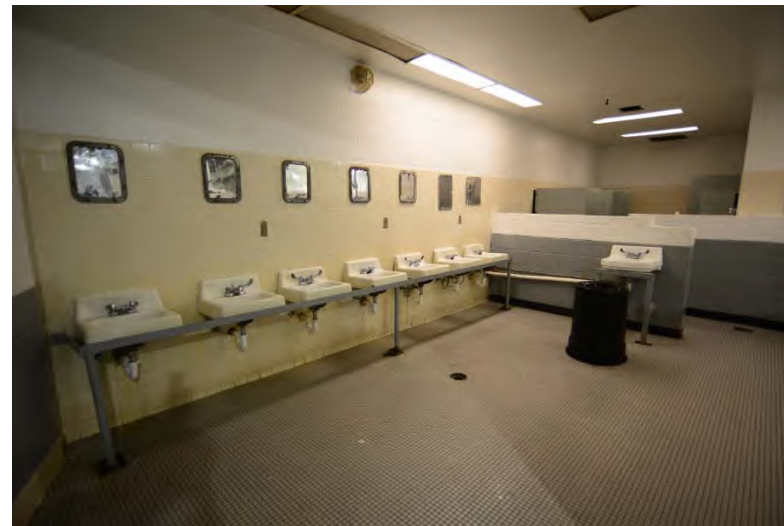
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SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1021182	08-28- 2018 10:40:00	A	3100	COLIFORM (TCR)	08-01-2018	08-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1020475	08-21- 2018 10:30:00	A	3100	COLIFORM (TCR)	08-01-2018	08-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1020476	08-21- 2018 11:15:00	A	3100	COLIFORM (TCR)	08-01-2018	08-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1015734	07-31- 2018 12:50:00	A	3100	COLIFORM (TCR)	07-01-2018	07-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1015735	07-31- 2018 12:20:00	A	3100	COLIFORM (TCR)	07-01-2018	07-31-2018
SUNFLOWER	MS0670014	MS STATE PENITENTIARY- MN LN	RT	1015736	07-31- 2018 11:50:00	A	3100	COLIFORM (TCR)	07-01-2018	07-31-2018

Total Number of Records Fetched = 117

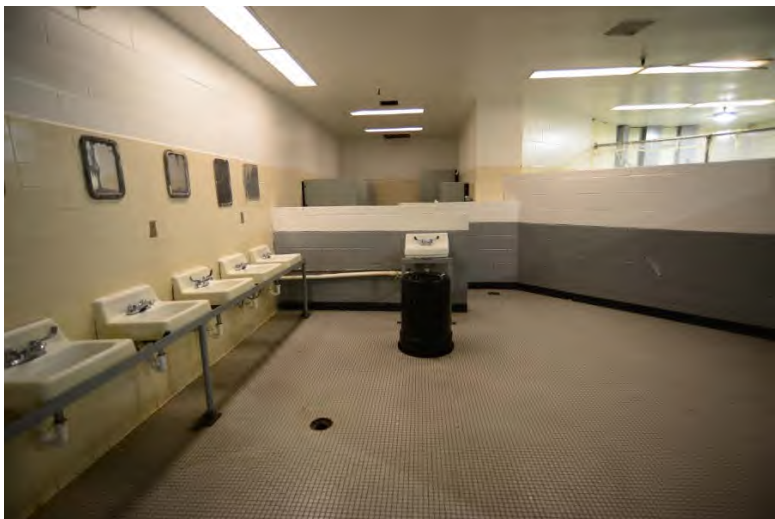
UNIT 30, BUILDING A



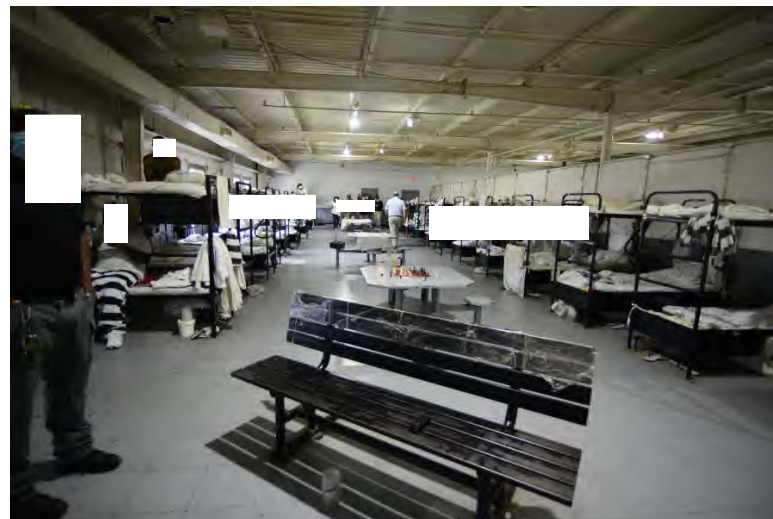
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MDC_5832



MDC_5833



MDC_5837

**EXHIBIT
F**

UNIT 30, BUILDING A



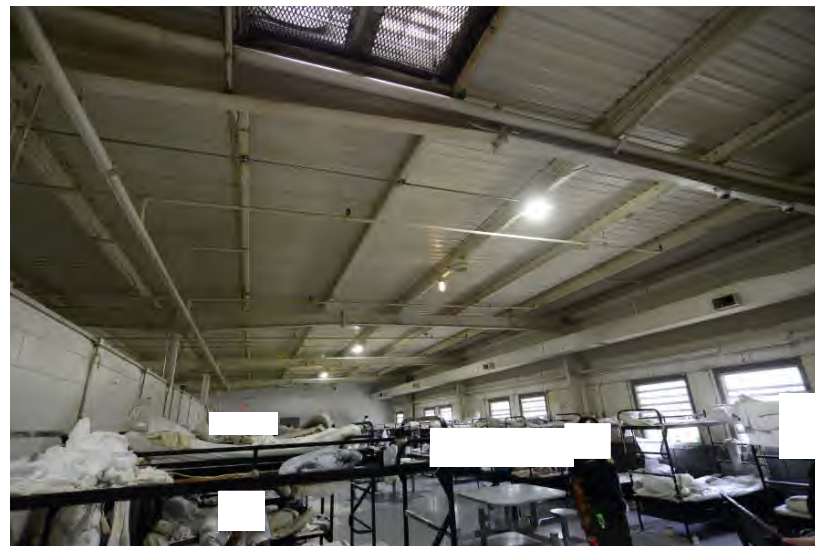
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MDC_5839



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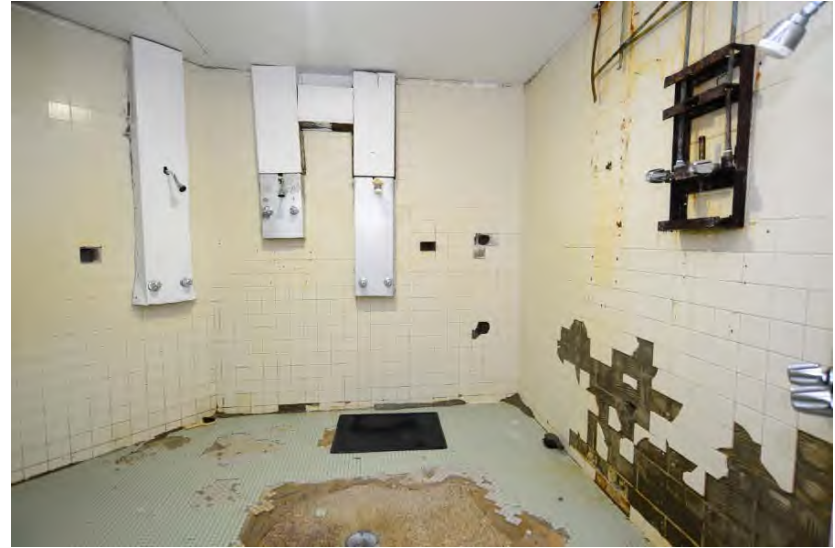


MDC_5841

UNIT 30, BUILDING B



MDC_5882



MDC_5884



MDC_5886



MDC_5887

UNIT 30, BUILDING B



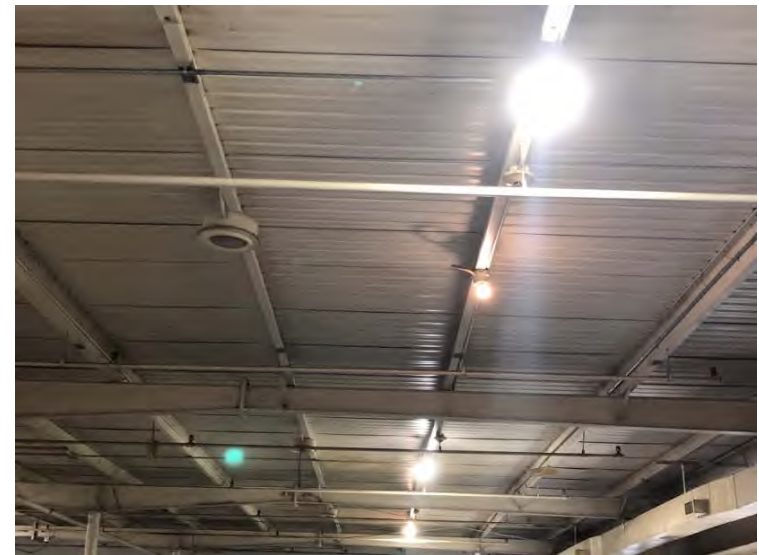
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MDC_5893



IMG_0805



IMG_0806

UNIT 30, BUILDING B



IMG_0808



IMG_0809



IMG_0811

24-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

No 13288

JOB NO _____

C.W.C. _____

OTHER _____

☐ CMCf☒ MSP☒ SMCIBLDG # A-Building B-zoneLOCATION Unit 30

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____		
DATE RECEIVED _____ TIME RECEIVED _____ PRIORITY E 1 2 3	DATE START <u>5/14/2020</u> TIME STARTED <u>8:00 AM</u> NO. INMATES _____	DATE COMPLETED <u>5/14/2020</u> TIME COMPLETED <u>12:30 PM</u> TOTAL MAN HOURS _____	WORK TYPE PREVENTIVE <input checked="" type="checkbox"/> PREDICTIVE <input checked="" type="checkbox"/> GEN MAINT. <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/>	
DESCRIPTION OF WORK TO BE PERFORMED	MATERIAL USED	QTY	COST EA.	TOTAL
Remove all lights in B-zone	LED Canopy Lights	7		
Remove all debris & Lights	4 square Boxes	7		
Installed new lights	1/2 EMT	100'		
Repaired holes in A/C vents	1/2" EMT Couplings	6		
& walls, Replaced Recepts	1/2" EMT Connectors	24		
& security light bulbs.	1/2 EMT Straps	12		
SPECIAL COMMENTS:	Wire Nuts	80		
	#12 Wire	360'		
Accepted By	Receptacles	4		
Supervisor: <u>Jason Kithell, Mario Tanaway</u>	A19 LED Bulbs	6		
Superintendent: <u>Bunk Williams</u>	Exit/Emergency Lights	3		

CONFIDENTIAL

MSPRepairs 001582
MDOC-Amos 016246

24-01-01-F1
Revision 7/01/03MISSISSIPPI DEPARTMENT OF CORRECTIONS
CONSTRUCTION MAINTENANCE WORKSHEET

№ 11083

JOB NO _____

BLDG # A

C.W.C. _____

LOCATION 30

OTHER _____

☐ CMCF☒ MSP☐ SMCI

REQUESTED BY _____

<input type="checkbox"/> CARPENTRY <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> ELECTRONICS <input type="checkbox"/> HVAC <input type="checkbox"/> PEST CONTROL <input type="checkbox"/> PREVENTIVE <input type="checkbox"/> COMMUNICATIONS <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> GROUNDS <input type="checkbox"/> PAINT <input type="checkbox"/> PLUMBING <input type="checkbox"/> WELDING		APPROVED BY _____ COST CENTER _____		
DATE RECEIVED _____ TIME RECEIVED _____ PRIORITY E 1 2 3	DATE START <u>5/14/20</u> DATE COMPLETED <u>5/14/20</u> TIME STARTED <u>8:00</u> TIME COMPLETED <u>12:30</u> NO. INMATES <u>2</u> TOTAL MAN HOURS <u>13.5</u>		WORK TYPE PREVENTIVE <input type="checkbox"/> PREDICTIVE <input type="checkbox"/> GEN MAINT. <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/>	
DESCRIPTION OF WORK TO BE PERFORMED	MATERIAL USED	QTY	COST EA.	TOTAL
Removed all lights in zone (B)				
removed debris and lights.				
We installed new lights through				
out entire zone, using new				
LED square lights. Repaired holes				
in A/C vent patched holes in walls.				
SPECIAL COMMENTS:				
replaced receptacles (4) and replaced				
night light bulbs with LED bulbs				
Accepted By: <u>Harris, Lowery and Gilligan</u>				
Supervisor: <u>D. Harris</u>				
Superintendent: _____				

CONFIDENTIAL

MSPRepairs 001584
MDOC-Amos 016248